

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☒

WATER  
WELL ☒

OTHER

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

Uintah Management Corporation

3. ADDRESS OF OPERATOR

P.O. Box 197, Duchesne, Utah 84021

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FWL 659' FNL Section 8, T9S, R18E, S.L.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

19 Miles Southeast of Vernal, Utah

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

(Also to nearest drilg. unit line, if any) 659'

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

480

19. PROPOSED DEPTH

6500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotarty

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,018'

22. APPROX. DATE WORK WILL START\*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	V55 24# New	300'	Circ. to Surface
7 7/8"	5 1/2"	V33 15.5# New	6500'	Circ. to Surface

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9/21/84  
BY: John R. Baga

RECEIVED

SEP 18 1984

DIVISION OF OIL  
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Olin Sloman

TITLE Field Operations

DATE 9/17/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

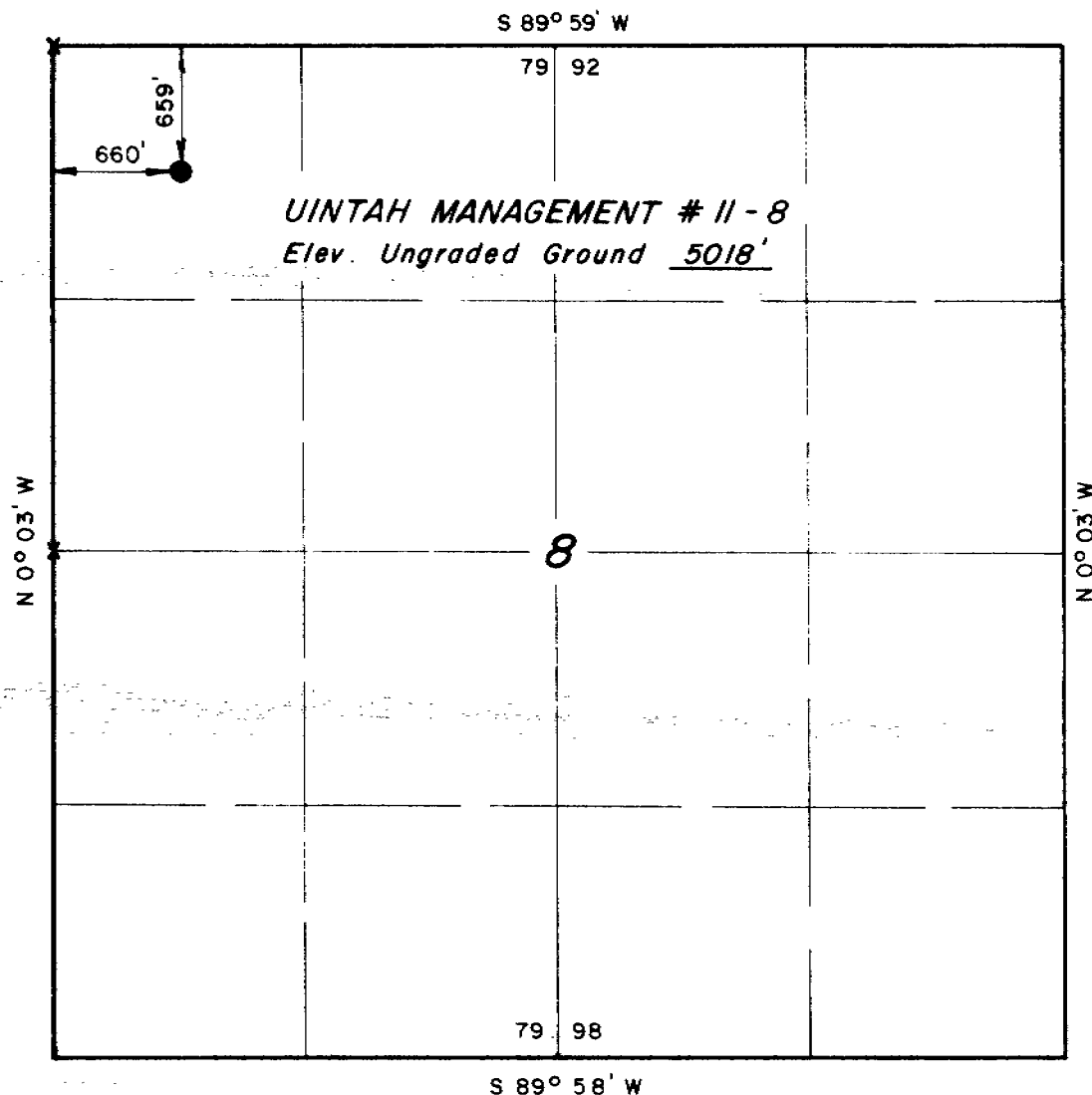
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

*T 9 S, R 18 E, S.L.B. & M.*

PROJECT  
UINTAH MANAGEMENT CORPORATION

Well location, *UINTAH MANAGEMENT*  
# 11 - 8, located as shown in the NW 1/4  
NW 1/4 Section 8, T 9 S, R 18 E, S.L.B. & M.  
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 2454  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P O BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

X = Section Corners Located

SCALE	1" = 1000'	DATE	8 / 29 / 84
PART	JK MB GR BFW	REFERENCES	GLO Plat
ADDED	Fair	FOR	UINTAH MANAGEMENT

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: Uintah Management Corporation Company

Well No. #11-8

Location: Section 8, T9S, R18E, S.L.M.

Lease No.: U-16540

Onsite Inspection Date: August 31, 1984

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Tertiary Uinta Formation  
Green River Formation 1725'  
Wasatch Tongue 5925'  
Wasatch Formation 6300' T.D. 6500'

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Green River	Wasatch Formation
Expected Gas Zones:	Green River	Wasatch Formation
Expected Water Zones:	None Expected	
Expected Mineral Zones:	None Expected	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

10" 3000 psi hydraulic blowout preventer. Blowout preventor will be tested daily. Refer to blowout preventor program.

UINTAH MANAGEMENT CORPORATION  
#11-8  
Section 8, T9S, R18E, S.L.M.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

<u>Size</u>	<u>Size of Casing &amp; Wt./Ft.</u>	<u>Setting Depth</u>	<u>Quantity of Cement</u>
12 1/4"	8 5/8" 24# New	300'	Circ. to Surface
7 7/8"	5 1/2" 15.5# New	6500'	440 Sx.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Fresh water base drilling mud will be used for the entire drilling operation utilizing a dispersed mud system to a total depth. Mud weight will be controlled by controlling drilling solids. Barite will be used for weighing material in the event that abnormal pressures are encountered. Total system volume will be 350 barrels, not including potential reserve pit volume.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

6. Coring, Logging and Testing Program:

1. Mud Logging Units: from 300' to T.D.
2. Dual Induction Laterlog: T.D. to base of surface casing.
3. BHC: Gamma Ray Sonic w/caliper, Integrated T.D. to base of surface.
4. Formations Density/Compensated Neutron: Zones of interest

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None expected based on previous experience in the general area.

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: Immediately after approval.

Spud Date: October 1. 1984

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

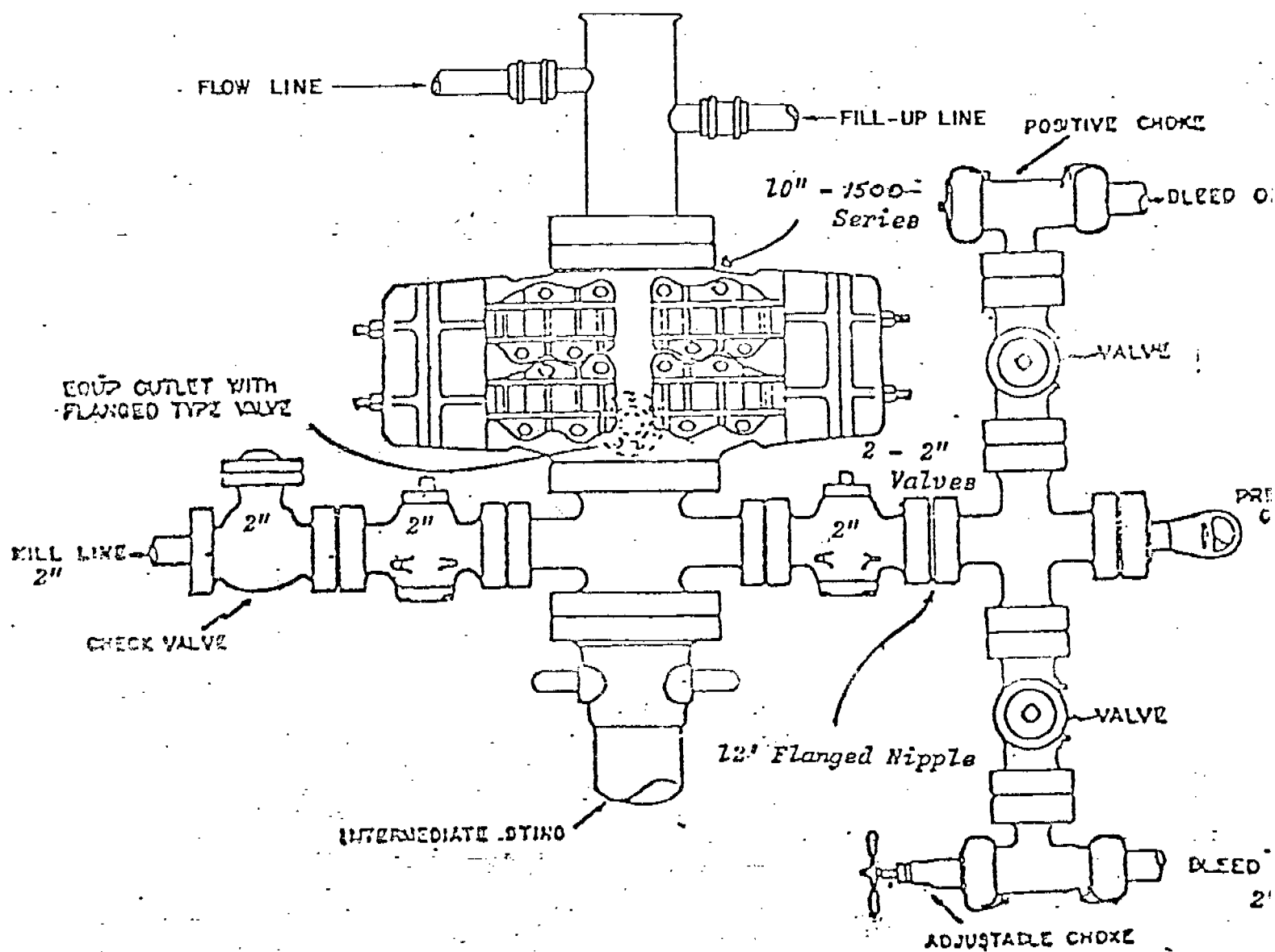
A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

UINTAH MANAGEMENT CORPORATION



NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;  
ONE BLIND AND ONE PIPE RAM.

Disc A

UINTAH MANAGEMENT CORPORATION

13 Point Surface Use Plan

For

#11-8

Located in

Section 8, T9S, R18E, S.L.M.

Duchesne County, Utah.



1. EXISTING ROADS:

- a. Location of proposed well in relation to town or other reference point: approximately 19 miles Southeast of Myton, Utah.
- b. Proposed route to location: From Myton, Utah proceed Westerly on U.S. Highway 40, Southerly on Utah State Highway 264 and Easterly on Eight Mile Flat Road.
- c. Location and Description of roads in the area: Highway 40 bituminous surfaced, 264 bituminous for 6 miles, dirt road from there to location.
- d. Plans for improvement and/or maintenance of existing roads: To be maintained as per B.L.M. requirements.
- e. Other: None

2. PLANNED ACCESS ROADS:

- a. Width: 30' maximum - 18' running surface
- b. Maximum grades: 8%
- c. Turnouts: None
- d. Location (centerline): Flagged
- e. Drainage: None
- f. Surface materials (source): existing materials
- g. Other: None

All travel will be confined to existing access road rights-of-way.

3. LOCATIONS OF EXISTING WELLS:

There are existing wells in the area. See Topographic Map for approximate locations.

4. LOCATION OF TANK BATTERIES AND PRODUCTION FACILITIES:

All permanent (onsite for six months or longer) structures constructed or installed (including oil well pump jacks will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5

State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.

Tank batteries will be placed on the: Pad between Point #2 and #3

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely at the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Moab District office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. LOCATION AND TYPE OF WATER SUPPLY:

All water needed for drilling purposes will be obtained from: Parriette draw SE 1/4 SE 1/4 Section 27, T8S, R18E.

6. SOURCE OF CONSTRUCTION MATERIAL:

Road surfacing and pad construction material will be obtained from: The existing materials accumulated during the construction.

The use of materials under B.L.M. jurisdiction will conform to 43 CFR 3610 . 2-3.

Construction materials will be located on lease.

7. METHODS OF HANDLING WASTE DISPOSAL:

The reserve pit will not be lined:

Burning will not be allowed. All trash must be contained in a trash cage and disposed of by: A trash cage and hauled to an approved sanitary landfill.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

8. ANCILLARY FACILITIES:

Camp facilities will not be required.

9. WELL SITE LAYOUT:

The reserve pit will be located: On the Northwest side of the location.

The stockpiled topsoil will be stored: Between Point #1 and #2.

Access to the well pad will be from: The Southwest between Point #2 and #3.

Reserve pits will be fenced with a net wire fence and topped with at least one strand of barbed wire.

10. PLANS FOR RESTORATION OF SURFACE:

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe etc. will be removed.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseedling, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. Also, if broadcast the seed mixture will be proportionately larger to total 14 lbs/Acre.

The following seed mixture will be used:

Stipa Comata	1 lb/Ac
Agropyron Cristatum	1 lb/Ac
Poa Secunda	1 lb/Ac
Kochia Prostrata	2 lb/Ac
Atriplex Conertifolia	2 lb/Ac
Ceratoides Lanata	<u>2 lb/Ac</u>
	9 lb/Ac

The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Reclaimed within 90 days of well completion.

11. SURFACE AND MINERAL OWNERSHIP

Federal Minerals - B.L.M. Surface

12. OTHER INFORMATION

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report and Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

A cultural resource clearance will be required before any construction begins. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Olin Glover

Address: P.O. Box 197, Duchesne, Utah 84021

Phone No. (801) <sup>738</sup>~~733~~-2238 (801) 733-5388

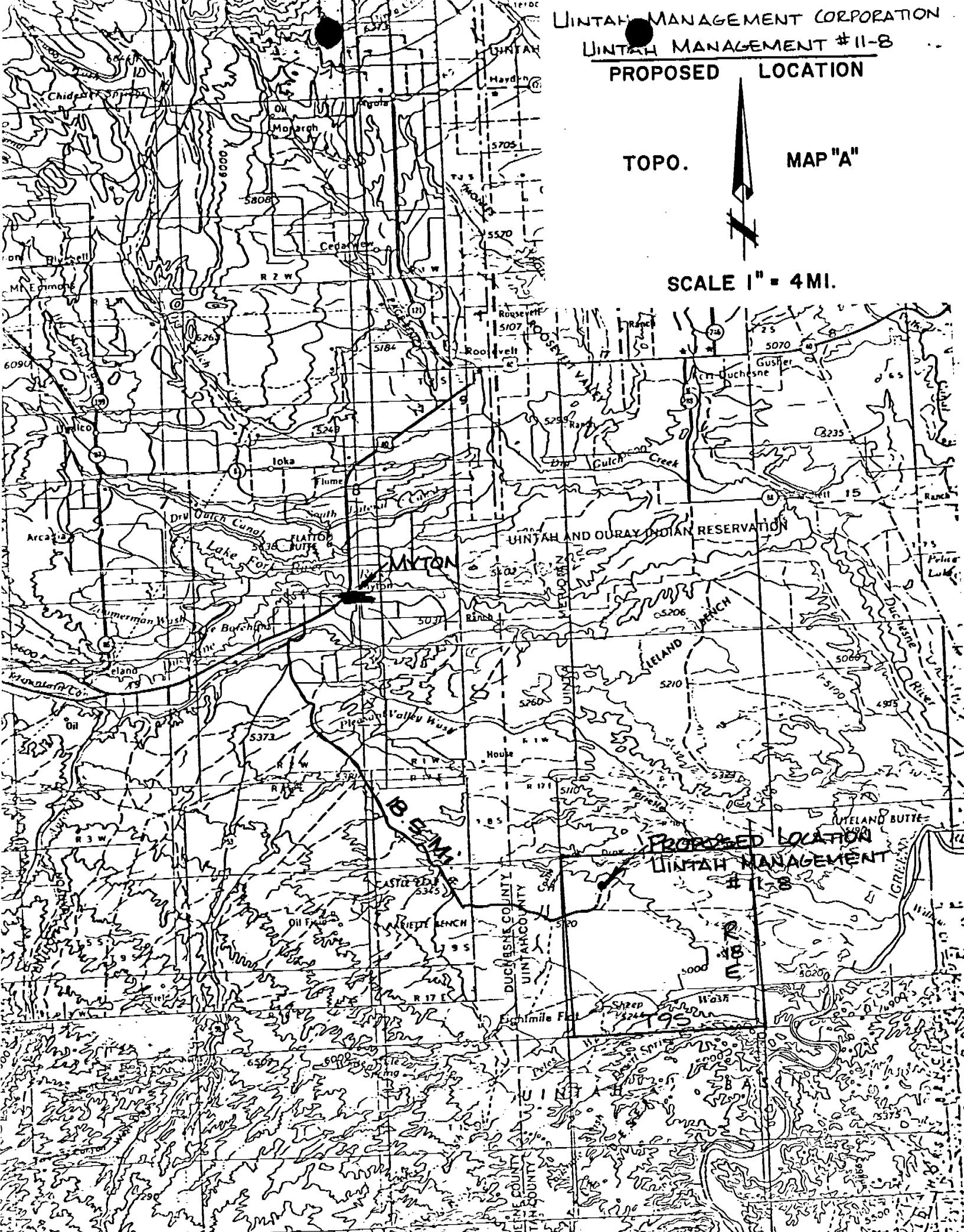
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by: Uintah Management Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Sept 15, 1984  
Date

Olin Glover

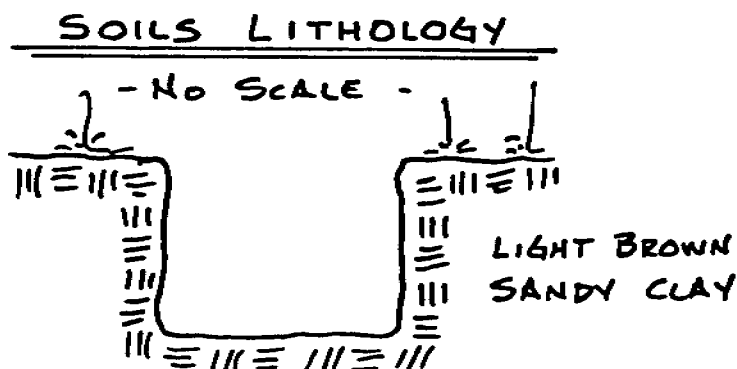
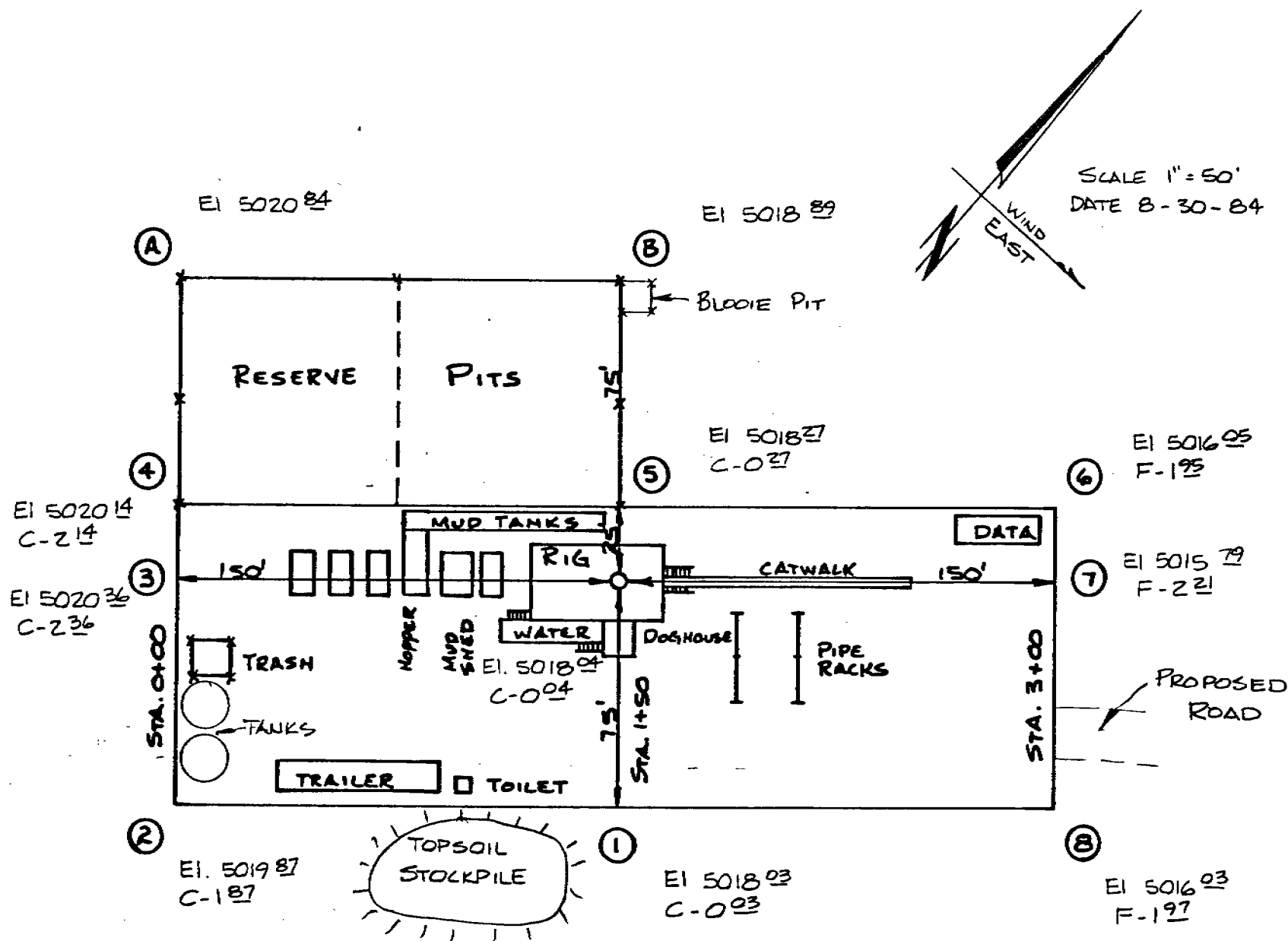
**SCALE 1" = 4 MI.**



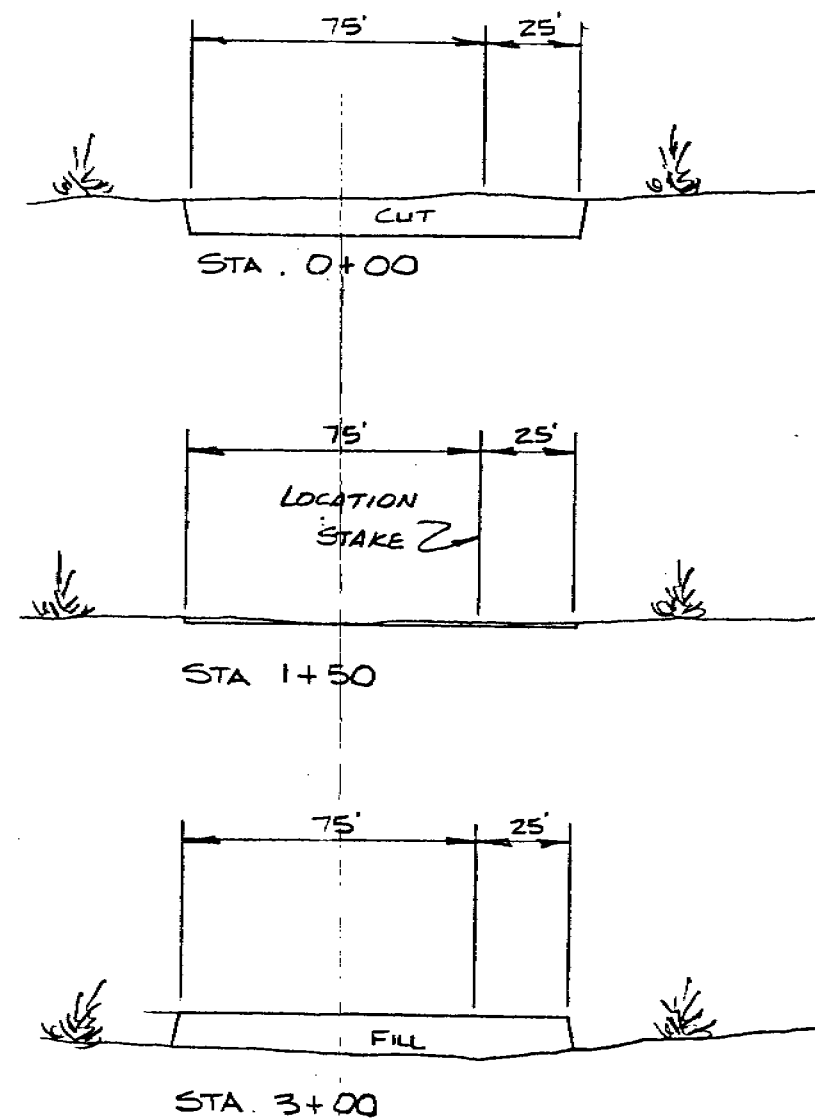
# UINTEAH MANAGEMENT CORPORATION

UINTEAH MANAGEMENT # 11-8

## LOCATION LAYOUT & CUT SHEET



C  
R  
O  
S  
S  
E  
C  
T  
I  
O  
N



1" = 10'

1" = 50'

SCALES

### APPROXIMATE YARDAGES

CUBIC YDS. CUT = 750

CUBIC YDS. FILL = 890

103000

090201-Approval for WI

OPERATOR

Ventak Management

DATE

9-20-84

WELL NAME

# 11-8 EIGHT MILE FLAT UNIT

SEC

NW 1/4 8

T

9S

R

18E

COUNTY

Ventak

43-047-31545

API NUMBER

Fed

TYPE OF LEASE

POSTING CHECK OFF:

☐

INDEX

☐

HL

☐☐

NID

☐

PI

☐☐

MAP

☐☐

PROCESSING COMMENTS:

No other wells within 1000' Vent Well - OK on  
Need water permit POD

APPROVAL LETTER:

SPACING:

☒

A-3

Eight Mile Flat  
UNIT☐

c-3-a

CAUSE NO. &amp; DATE

☐

c-3-b

☐

c-3-c

SPECIAL LANGUAGE:

1- Water



☒ RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

☒ AUTHENTICATE LEASE AND OPERATOR INFORMATION

☒ VERIFY ADEQUATE AND PROPER BONDING

☒ AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

☐ APPLY SPACING CONSIDERATION

☐ ORDER \_\_\_\_\_

☐ UNIT \_\_\_\_\_

☒ c-3-b

☐ c-3-c

☒ CHECK DISTANCE TO NEAREST WELL.

☐ CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

☒ IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

☒ IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 21, 1984

Uintah Management Corporation  
P. O. Box 197  
Duchesne, Utah 84021

Gentlemen:

Re: Well No. Eight Mile Flat Unit #11-8 - NW NW Sec. 8, T. 9S, R. 18E  
659' FNL, 660' FWL - Uintah County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2  
Uintah Management Corporation  
Well No. Eight Mile Flat Unit #11-8  
September 21, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31545.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Uintah Management Corporation

3. ADDRESS OF OPERATOR

P.O. Box 197, Duchesne, Utah 84021

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At SURFACE

660' FWL 659' FNL Section 8, T9S, R18E, S.L.M.

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

19 Miles Southeast of Vernal, Utah

10. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 659'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,018'

22. APPROX. DATE WORK WILL START\*

A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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7 7/8"	5 1/2"	V33 15.5# New	6500'	Circ. to Surface

SICP =  $\pm 575$  psi  
Anticipated BHP =  $\pm 2900$  psi

RECEIVED  
SEP 1984  
SEP 28 1984  
DIVISION OF OIL  
GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Olin Sloman*

TITLE Field Operations

DATE 9/17/84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DISTRICT MANAGER

APPROVED BY

*L.H. Ferguson*

TITLE

DATE

9/27/84

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company                     Uintah Management Corp.                     Well No.           11-8            
Location           Sec. 8                                    T 9S          R 18E                     Lease No.           U-16540            
Onsite Inspection Date                                     8-31-84                    

A. DRILLING PROGRAM

1. Estimated Depth at which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered:

Geologic Data indicates possible fresh water zones may exist down to +/- 500'. If encountered while drilling, these zones shall be protected either by setting the surface casing deeper or by bringing the cement for the production string up higher.

2. Pressure Control Equipment

In accordance with API RP 53, 3,000 psi BOP stacks shall be equipped with an Annular Bag-Type preventer. Prior to drilling out the surface casing shoe, the Ram-Type preventers shall be tested to 2,000 psi, and the Annular-Type preventer shall be tested to 1,500 psi.

The choke manifold system will be consistent with API RP53.

3. Coring, Logging and Testing Program

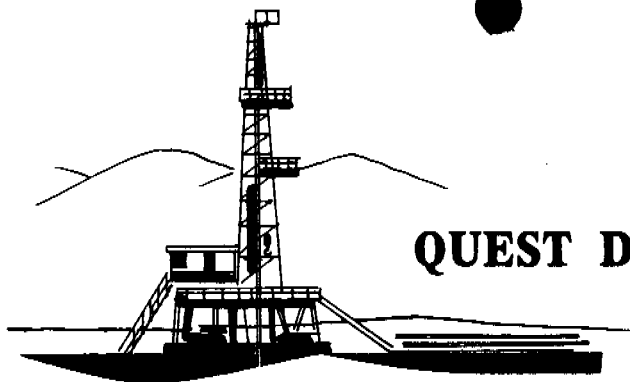
Daily drilling reports shall be submitted to this office on a weekly basis.

## DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATIONNAME OF COMPANY: UINTAH MANAGEMENTWELL NAME: EIGHT MILE FLAT 11-8SECTION NWNW 8 TOWNSHIP 9S RANGE 18E COUNTY UINTAHDRILLING CONTRACTOR QUEST DRILLING & EXPLORATIONRIG # 1SPUDDED: DATE 10-1-84TIME 11:00 PMHow ROTARY

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY DAVE EMMETTTELEPHONE # 738-2238DATE 10/3/84 SIGNED AS



## QUEST DRILLING & EXPLORATION, INC.

October 31, 1984

**RECEIVED**

**NOV 01 1984**

**DIVISION OF OIL  
GAS & MINING**

State of Utah Natural Resources  
Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah, 84114

Re: Well # 11-8  
NW $\frac{1}{4}$ NW $\frac{1}{4}$  Sec. 8, T9S, R18E, SLB & M  
Uintah County, Utah  
API # 43-047-31545

Gentlemen:

I enclose a copy of the Sundry Notice filed with the United States Department of Interior, Bureau of Land Management this date.

Please place this in the appropriate file.

Very truly yours,

  
Office Manager.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Eight Mile Flat Unit

8. FARM OR LEASE NAME

Uintah Management

9. WELL NO.

# 11-8

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 8, T9S, R18E, SLB & M

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR 3760 Highland Drive, Suite 500  
Uintah Management Corporation Salt Lake City, Ut. 84106

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FWL, 659' FNL, Sec. 8, T9S, R18 E, SLB & M

14. PERMIT NO.

UT-080-4-M-266

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

GR 5018'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐

PLUG OR ALTER CASING

☐

FRACTURE TREAT

☐

MULTIPLE COMPLETE

☐

SHOOT OR ACIDIZE

☐

ABANDON\*

☐

REPAIR WELL

☐

CHANGE PLANS

☐

(Other)

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

REPAIRING WELL

☐

FRACTURE TREATMENT

☒

ALTERING CASING

☐

SHOOTING OR ACIDIZING

☐

ABANDONMENT\*

☐

(Other) Spud, Drilling, Etc.

☐☒

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well spudded 10/1/84 @ 2:30AM.

Set 312' surface casing 10/2/84; cemented.

Drilled out of surface 10/3/84; mud log run 3000' to TD.

TD at 6090' 10/12/84; logs run - Gearhart; dual laterolog & MSFL, compensated density and compensated neutron log, Laserlog computed from direct digital well logs, side-wall cores.

Set 6090' 5 1/2" 15.5# casing to TD 10/13/84; cemented; cement bond logs run.

Anchors set and tested 10/22/84.

Rig-up work-over rig and BOP; test BOP.

Perforate formation: 5218-5226; 5238-5246; 5252-5254; and 5261. Two SPF - total 38 shots.

Perf done 10/26/84.

Fracture treatment 10/29/84; well shut in; Will flow test for IP 10/31/84.

RECEIVED

NOV 01 1984

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*David B. Emmert*

TITLE

*Office Manager*

DATE

*10/31/84*

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

U-16540

6. IN INDIAN, ALLOTTEE OR TRIBE NAME

NA

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Hill-Hart Operating (Under contract for S.O. Utah)

3. ADDRESS OF OPERATOR

P. O. Box 3668 Englewood, Colorado 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

E 660' FWL and S 659' FNL of Section 8

14. PERMIT NO.

UT-080-4-M-266

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5028 RKB

7. UNIT AGREEMENT NAME

Eight Mile Flat Unit

8. FARM OR LEASE NAME

Uinta Management Corp.

9. WELL NO.

11-8

10. FIELD AND POOL, OR WILDCAT

Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

NW 1/4 NW 1/4 Sec. 8

TWN 9S R18E S4R&M

12. COUNTY OR PARISH 13. STATE

Uinta

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

XXX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well perforations and casing are totally plugged with paraffin. We propose to pull rods and tubing and use casing scrapper. A packer and bridge plug will be set, hot water will be used to clean casing down to 5100'. Once hole is clean, Flopetrol Johnston pressure reading tool will be used to determine plugged perforations and formation. Test will run for 48 hours with well shut in. Start date approximately 3/9/85.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operator

DATE 3/7/85

(This space for Federal or State office use)

APPROVED BY

TITLE DISTRICT MANAGER

DATE 3-26-85

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR

\*See Instructions on Reverse Side

March 13, 1985

RECEIVED

MAR 14 1985

DIVISION OF OIL  
GAS & MINING

State of Utah  
Division of Oil, Gas & Mining  
355 N. W. Temple  
Three Triad Center - Suite 350  
Salt Lake City, UT 84180-1203  
Attn: Claudia Jones

Dear Ms. Jones:

Per our conversation the other day, please find the following Sundry Notices regarding change of operator:

✓ #11-8	U-16540	API U-080-4-M-266
#34-8	U-16540	API U-080-4-M-264
#13-8	U-16540	API U-080-4-M-265
#32-13	U-18048	API 43-047-31277
#34-13	U-18048	API UT-080-4-M-267

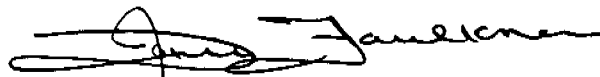
Please note that these locations are now being operated by OS Utah located in Irvine, California. The operations are sub-contracted to Hill-Hart, Inc. located in Englewood, Colorado. I've also indicated the field contact on these wells.

I do not believe we will be able to get a form from Uintah Management relinquishing the operations of these wells. Please let me know if these is absolutely required.

I would appreciate it if you would contact me at 801/322-5009 regarding the status of the Monthly Report on production. As I had mentioned, we are unable to find any records that these were filed by Uintah Management from initial production dates.

Thank you for your time and patience with us in getting this matter on the right track.

Very truly yours,



Jodie S. Faulkner  
Production Technician

cc: Chris Brooks

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		3. LEASE DESIGNATION AND SERIAL NO. U-16540	
2. NAME OF OPERATOR SO Utah		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 17922 Fitch Avenue - Suite 100 Irvine, CA 92714		7. UNIT AGREEMENT NAME Eight Mile Flat Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FWL and 659' FNL NW/NW		8. FARM OR LEASE NAME Uintah Management Corp.	
14. PERMIT NO. U-080-4-M-266		9. WELL NO. #11-8	
15. ELEVATIONS (Show whether OF, RT, CR, etc.) 5028' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA Sec 8, T9S, R18E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

RECEIVED

MAR 14 1985

DIVISION OF OIL  
GAS & MINING

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) <u>Change of Operator</u>			<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that the above named operator is filing notice to inform you that they have become the Designated Operator on the subject well. Note this became effective February 1, 1985. Contact Lee Sammis (714/863-1121)

Operations are sub-contracted to:

HILL-HART, INC.  
P.O. Box 3668  
Englewood, CO 80155  
Attn: Chris Brooks (303/773-3230)

Field Contact: Scott Seeby  
(801/789-4200 Mobile# Englewood 4025)

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE PROD TECH DATE 3-13-85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

### CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed the Sundry Notice for technical adequacy and concur with the request providing the following stipulations are included as a part of the approval.

1. Temporarily abandoned status shall apply for a period of one year, ending April 25, 1986.
2. Prior to April 25, 1986, submit to this office for approval either a workover procedure to seek production in paying quantities, convert to a water injection well, or a permanent abandonment procedure.

March 14, 1985

**RECEIVED**

**MAR 15 1985**

**DIVISION OF OIL  
GAS & MINING**

State of Utah  
Division of Oil, Gas & Mining  
355 N. West Temple  
Three Triad Center - Suite 350  
Salt Lake City, UT 84180-1203  
Attn: Claudia Jones

Dear Ms. Jones:

Per our conversation today, please find the enclosed Sundry Notices:

#11-8 U-16540  
#34-8 U-16540  
#13-8 U-16540  
#32-13 U-18048  
#34-13 U-18048

As I had indicated to you, the original Sundries to change the operator had shown the operations were sub-contracted to Hill-Hart, Inc. Please note that this has been corrected to Hill-Hart Operating. I would appreciate you making note of this.

If there are any questions, or if the copies of Sundries will not suffice, please advise.

Very truly yours,



Jodie S. Faulkner  
Production Technician

cc: Chris Brooks  
Scott Seeby

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See Instructions  
verse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-16540
2. NAME OF OPERATOR Hill-Hart Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 3668 Englewood, CO 80155		7. UNIT AGREEMENT NAME Eight Mile Flat
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  E 660' FWL and S659' FNL of Sec. 8		8. FARM OR LEASE NAME S. O. Utah
14. PERMIT NO. U-080-4-M-266	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5028 RKB	9. WELL NO. 11-8
		10. FIELD AND POOL, OR WILDCAT Green River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE 1/4 NE Sec 8 Twp 9S R 18E S18&M
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1.) SIGN VARIANCE REQUEST

Designation of new operator is forthcoming. Current well signs show Uintah Management Corporation and Quest Drilling & Exploration. New signs are ordered reflecting change in operator name. We request a 60 day abatement period until new signs are completed.

2.) REQUEST FOR PIT LINER WAIVER

The pit is 25' X 25' X 8' deep. A fence surrounds the pit with the corner posts made of steel tubulars. Bottom 3' of the fence is 4" mesh wire with two strands of barbed wire. The fence is 4' tall. Current production is only 3 BBL a day. A workover is on the well at present (refer to additional Sundry Notices.) Well-head cut is 20% BS&W with 0.048% water. We request a waiver for pit liner. Water analysis attached.

3.) HYDROCARBONS IN PIT

1.5 BBL of oil was dumped to pit on 3/18/85. We request a 90 day abatement period until weather warms up to remove oil from pit.

4.) RUN OFF DIVERSION TRENCH

On 3/16/85, because of run-off from snow melt, water on location was 4" to 7". A 12" diversion trench was built on South side of location at road entrance to divert water. An inspection and notice if this is to be removed when run off stops is requested.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operator

DATE March 19, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OPERATOR

\*See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
DATE 4/04/85

# UMC

UINTAH MANAGEMENT CORPORATION

July 17, 1985

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Attn: Pam Kenna


Re: [REDACTED]  
EMFU 32-13; 34-13; 13-8;  
[REDACTED] 34-8; 41-8  
Uintah County, Utah

Gentlemen:

Please be advised that Uintah Management Corporation is no longer the operator of the referenced wells. The new operator is S.O. Utah whose address is 17922 Fitch Ave, Suite 100, Irvine, California 92714.

Should have any questions regarding this matter please do not hesitate to contact me.

Sincerely,

  
Jay Mealey  
President

RECEIVED

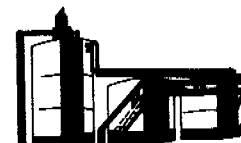
JUL 19 1985

DIVISION OF OIL  
GAS & MINING



# Hill-Hart Operating Co.

P.O. Box 8688 3668  
Englewood, Colorado 80115  
803-773-2764



July 23, 1985

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
355 W. North Temple  
3 Triad Center - Suite 350  
Salt Lake City, UT 84180-1203  
Attn: Pam Kenna, Well Records Specialist

RECEIVED

JUL 25 1985

DIVISION OF OIL  
GAS & MINING

Dear Ms. Kenna:

To follow up conversations with your division and that of S.O. Utah and Hill-Hart Operating, I am submitting the enclosed data on the following wells:

Eight Mile Flat Sec 8, T9S, R18E  
#11-8 API #4304731545  
#13-8 API #4304731546  
#34-8 API #4304731547

Eight Mile Flat Sec 13, T9S, R18E  
#32-13 API #4304731538  
#34-13 API #4304731277

The above referenced wells were originally operated by Uintah Management Corporation of Salt Lake City, UT. As of February 1, 1985, S.O. Utah became the new operator. I have enclosed copies of the Well Completion Reports submitted by Uintah Management. Please note that these reports are the most current ones we were provided upon becoming the operator. Also enclosed are copies of the Sundry Notices submitted by Hill-Hart Operating regarding the Designation of Operator. However, as I understand, the files on these locations are pending a notarized letter from Uintah Management relinquishing their responsibilities to S.O. Utah.

You will also note that a Sundry Notice is enclosed on the Eight Mile Flat #11-8 for a workover performed by Hill-Hart Operating.

If there are any questions, please advise.

Very truly yours,

Jodie Faulkner  
Production Technician

Enclosures

cc: Chris Brooks - ~~XXXX~~ - Doug Thamer



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

5. LEASE OR SURVEY AND SERIAL NO.

U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Eight Mile Flat Unit

8. FARM OR LEASE NAME

Uintah Management Corp.

9. WELL NO.

11-8

10. FIELD AND POOL, OR WILDCAT

Wildcat Eight mile Flat

11. SEC., T., R., M., OR BLOCK AND SURVEY

NW 1/4 Sec 8, Twn 9 S  
R 18 E, SLB&M

12. COUNTY OR  
PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐

2. NAME OF OPERATOR

~~Uintah Management Corp.~~ S.O. Utah

3. ADDRESS OF OPERATOR

3760 Highland Drive, #500, Salt Lake City, UT 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

E 660' FWL and S 659' FNL of Section 8.

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

43-047-31545

DATE ISSUED

9/27/84

15. DATE SPUDDED

10/1/84

16. DATE T.D. REACHED

10/12/84

17. DATE COMPL. (Ready to prod.)

11/27/84

18. ELEVATIONS (OF, RKB, RT, GB, ETC.)\*

RKB 5028'

19. ELEV. CASINGHEAD

5019'

20. TOTAL DEPTH, MD & TVD

6090'

21. PLUG, BACK T.D., MD & TVD

PBTD 5993'

22. IF MULTIPLE COMPL., HOW MANY\*

Single

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5218' - 5261' - Greenriver Formation

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog & MSFL; Compensated D & N; Laserlog *Imperial R/A* Side-wall cores

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	312'	12 1/4"	220 sks Class G	-
5 1/2"	15 1/2#	6090'	7 7/8"	565 sks Class G	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2 7/8"	5111'	

31. PERFORATION RECORD (Interval, size and number)

5261'-2shts; 5252'-5254'-4shts; 5238'-5246'-16 shts; 5218'-5226' - 16 shts;

38 total shots - .38 size.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
As at left (Smith Energy Services)	31M gal GWX-7; 77M# 20/40 sand; 30# WCB-01; 2 gal AGD-01; 30 gal SAA-01; 3 gal FRS-01 3M gal methanol; 6250# KCL

33.\* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11/27/84		Pumping - Trico 1½" X 16'				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/1/84	10	6/64"	→	56	5	84	Under 1%
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100#	100#	→	134.4	12	201.6	31.5 Est	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel and vented.

TEST WITNESSED BY

D. Lunsford

35. LIST OF ATTACHMENTS

Dual Laterolog; Compensated D and N log; Laserlog; Side-wall core analysis.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

DATE

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State agency. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 45.

**Item 1:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments, items 11 and 24. If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Seals Cement", attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURE, AND RECOVERY				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRENCH DEPTH
				GREEN RIVER	1433'	
				BASAL GR RIVER	5855'	
				WASATCH	5976'	

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Greenriver Formation	5218'	5261'	Perforated and fractured - currently producing.			



# Hill-Hart Operations Co.

P.O. Box 3688  
Englewood, Colorado 80115  
303-773-2764



## II. Summary

Major work performed on the 11-8 between March 8, 1985 and March 30, 1985 included three cased hole drill stem tests (D.S.T.'s), perforation of a lower interval, and R/A tracer surveys with temperature logs.

Cased hole D.S.T. number one was intended to evaluate the existing perforated interval, 5218 feet to 5261 feet. High viscosity crude produced by this well caused D.S.T. number one to be a failure, as D.S.T. recorders plugged.

After setting a retrievable bridge plug (R.B.P.) and circulating the 11-8 clean with water, cased hole D.S.T. number two successfully tested the existing perforated zone. Information provided by this test revealed reservoir conductivity problems.

Anticipating marginal production from the existing perforated interval, a prolific hydrocarbon bearing zone was searched for. Fifteen feet over a fifty foot interval was perforated and D.S.T.'d. Four shots per foot were placed in the following zones: 5320'-5324', 5330'-5332', 5338'-5344', 5367'-5370'.

Repeated swabbing and formation breakdown at 2,400 psi failed to produce hydrocarbons from this interval, 5320 feet to 5370 feet. Operations were directed back to the original perforated interval for further evaluation.

RECEIVED

JUL 25 1985

DIVISION  
GAS



# Hill-Mart Operations Co.

P.O. Box 3688  
Englewood, Colorado 80115  
303-773-2764



## II. Summary Continued

R/A tracer surveys with temperature logs were completed in the original perforated interval, 5218 feet to 5261 feet. These surveys and logs indicated that fluid flow was contained between 5218 feet and 5276 feet. Further evaluation showed that fluid flow was away from the wellbore.

Realizing marginal production from the original interval and no production from the new interval by all parties involved, the Federal 11-8 at this time is temporarily abandoned.

Field receipts on the date of this report total 50,258.65 dollars. Total cost for operations mentioned are not available at this time, as all invoices have not been received. Blow out preventer rental cost has not been invoiced.

DUPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Expires August 1, 1985

6. LEASE DEPARTMENT AND NO.

U-16540

8. IF INDIAN, ALLOTTEE TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

HILL-HART OPERATING (Under contract S. O. Utah)

3. ADDRESS OF OPERATOR

P. O. Box 3668 Englewood, Colorado 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

E 660' FWL and 659' FNL of Section 8

DUPLICATE

7. UNIT AGREEMENT NAME

Eight Mile Flat

8. FARM OR LEASE NAME

S. O. Utah

9. WELL NO.

Federal 11-8

10. FIELD AND POOL, OR WILDCAT

Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

NW $\frac{1}{4}$ , NW $\frac{1}{4}$  Sec. 8

TWN 9S R 18E SLB&M

12. COUNTY OR PLATEAU 13. STATE

Uintah

Utah

14. PERMIT NO.

UT-080-4-M-266

15. ELEVATIONS (Show whether DV, ST, or SCA)

5028 RKB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

RELL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Perforating additional zone

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

XXX

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please accept attached summary of our tests on existing perforations and results. Additional perforations were shot - 4 shots per foot - in the following zones: 5320' - 5324'; 5330' - 5332'; 5338' - 5344'; 5367' - 5370'. Repeated swabbings and formation breakdown at 2400 PSI failed to produce hydrocarbons. Original perforations between 5218 and 5276 show flow away from wellbore and viscosity at 32 CP and pressure build up at 1243 PSIG. Operations on this well are currently suspended and we request permission to temporarily abandon well until further mapping of area can be done to explore the possibility and potential for a water flood.



RECEIVED

JUL 25 1985

DIVISION OF OIL  
GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Operator

DATE 4-10-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DISTRICT MANAGER

DATE

4/25/85

CONDITIONS OF APPROVAL, IF ANY

OPERATOR

\*See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY



# Hill-Hart Operating Co.

P.O. Box 3688  
Englewood, Colorado 80115  
303-773-2764



RECEIVED

September 10, 1985

SEP 13 1985

State of Utah  
Natural Resources  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

DIVISION OF OIL  
GAS & MINING

Attention: Pam Kenna

Re: Well No. 11-8 Eight Mile Flat - Sec 8, T. 9S., R. 18E., Uintah County,  
Utah - API #43-047-31545

Dear Ms. Kenna:

Pursuant to your letter of August 23, 1985 please find enclosed well core sample reports and Form #OGC-3 (back side) with geological markers.

We are sorry for the oversight. Please contact me should you have any questions.

Sincerely,

HILL-HART OPERATING COMPANY

*C. H. Brooks*  
C. H. Brooks

CHB:hs

*core samples  
sent on this well  
JB*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. **OIL WELL** ☒ **GAS WELL** ☐ **OTHER** ☐ **RECEIVED**

2. NAME OF OPERATOR  
Hill-Hart Operating Company

SEP 13 1985

3. ADDRESS OF OPERATOR  
P.O. Box 3668, Englewood, CO 80155 DIVISION OF OIL

4. LOCATION OF WELL (Report location clearly and in accordance with and ~~as shown on map~~  
See also space 17 below.)  
At surface

660' FWL and 659' FNL NW/NW

14. PERMIT NO.  
U-080-4-M-266

15. ELEVATIONS (Show whether OF, RT, OR, etc.)  
5028' RKB

5. LEASE DESIGNATION AND SERIAL NO.

U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Eight Mile Flat Unit

8. FARM OR LEASE NAME

S. O. Utah

9. WELL NO.

11-8

10. FIELD AND POOL, OR WILDCAT

Green River

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

Sec. 8, T9S, R18E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SMOOT OR ACIDIZE ☐

ABANDON\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)  
~~xxxx Removal of Contract Operator~~

This report is to notify you that as of August 31, 1985 Hill-Hart Operating Company will no longer serve as the contract operator for S. O. Utah.

Contact for S. O. Utah: Mr. Doug Thamer  
408-373-2656

Field Contact for S. O. Utah: Mr. Scott Seeby  
Mobile # 801-789-4200  
Unit 9025

18. I hereby certify that the foregoing is true and correct

SIGNED

*C.H. Bracks per [signature]*

TITLE Pres. Hill-Hart Operating Co.

DATE 9-10-85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

(See other instructions  
on reverse side)

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_  
2. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR

Hill-Hart Operating Company SO Utah

4. ADDRESS OF OPERATOR

P.O. Box 3668, Englewood, CO 80155

RECEIVED

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FWL and 659' FNL NW/NW

At top prod. interval reported below

At total depth

SEP 13 1985

14. PERMIT NO.

U-080-4-M-266

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Eight Mile Flat

8. FARM OR LEASE NAME

S. O. Utah

9. WELL NO.

11-8

10. FIELD AND POOL, OR WILDCAT

Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T9S, R18E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (OF, BKS, BT, OR, ETC.)\*

19. ELEV. CASINGHEAD

5028' RKB

20. TOTAL DEPTH, MD & TVD

21. PLUG. BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORRO.

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

Supplemental Report

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, etc. and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			—————→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		—————→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

CH Bracke

TITLE

Pres. Hill-Hart Operating Co.

DATE

9-10-85

\*(See Instructions and Spaces for Additional Data on Reverse Side)

[illegible]

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERING						38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH		
				Top Green River	1433'			
				Basil Green River line	5855'			
				Wasatch	5976'			

# Core Services, Inc.®

Terratek

RECEIVED

SEP 27 1985

DIVISION OF OIL  
GAS & MINING

QUEST DRILLING & EXPLORATION, INC.

Federal No. 11-8 Well  
Uintah County, Utah  
TTCS File No. 85075

Cores

Interval

Formation

Sidewall

3609 - 5860 (intermittent)

Green River

PRESTONG MADE IN U.S.A.

- 360 W. Iwara Way • Salt Lake City, Utah 84108 • (801) 584-2480
- 920 Central Avenue • Suite #2 • Billings, Montana 59102 • (406) 256-0371
- 1625 Broadway • Suite 2110 • Denver, Colorado 80220 • (303) 595-0263

**TerraTek**  
**Core Services, Inc.**®

October 31, 1984

Quest Drilling & Exploration, Inc.

P. O. Box 197

Duchesne, Utah 84021

Attention: Mr. Dan Lunsford

Subject: Sidewall Core Analysis; Federal No. 11-8 Well; Uintah  
County, Utah; TTCS File No. 85075

Gentlemen:

Tabulated on the following page are the results of our analysis of percussion type sidewall samples submitted to our Salt Lake City laboratory by Mr. Doug Thamer on October 14, 1984.

Residual fluids were measured by the controlled temperature retort extraction method on those samples that were suitable. Porosities were determined by the summation of fluids technique, and permeabilities were empirically determined. It should be noted that the oil saturations measured in samples Nos. 1 and 2 are the result of organic material rather than mobile hydrocarbons.

We sincerely appreciate this opportunity to be of service.

Very truly yours,

*Jack R. Good*

Jack R. Good

Laboratory Director

JRG/slp

# Ierralek Core Services, Inc.

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - TWX 910-925-5284

## QUEST DRILLING & EXPLORATION, INC

Well: Federal No. 11-8  
Field: 8-Mile Flat  
Drilling Fluid: Water Base

State: Utah  
County: Uintah  
Location: Sec 8-T9S-R18E

Date: 31 Oct 1984  
ITCS File #: 85075  
Elevation: 5028 KB

## SIDEWALL CORE ANALYSIS

Sample Number	Depth (feet)	Permeability	Porosity (%)	Saturation		Odor	Flour	Lithology
		Horz (md)		Oil (%)	H2O (%)			

## GREEN RIVER FORMATION

1	3609.0	0.20	13.0	50.9	45.5	0	0	Sh,slty,lms
2	3697.0	0.10	12.8	57.7	38.5	0	0	Ls,slty,shy
3	5160.0					0	0	Sd,f-vfs,lms;Unsuited for Analysis
4	5214.0	3.1	13.9	14.2	54.2	P	P	Sd,vfs,slty,sl/lms
5	5224.0	6.0	14.9	21.2	42.5	F	P	Sd,f-vfs,slty,sl/lms
6	5253.0	5.0	14.9	18.7	44.8	F	P	Sd,vfs,slty,sl/lms
7	5260.0	2.5	14.3	13.7	50.9	P	P	Sd,vfs,slty,lms
8	5283.0	1.6	13.6	4.0	80.8	0	0	Sd,vfs,slty,lms
9	5340.0					0	0	Sh,lms;Unsuited for Analysis
10	5860.0					0	0	Sh,v/lms;Unsuited for Analysis



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 4, 1985

SO Utah  
17922 Fitch Avenue #100  
Irvin, California 92714

Gentlemen:

Re: Well No. Eight Mile Flat 11-8 - Sec. 8, T. 9S., R. 18E.,  
Uintah County, Utah - API #43-047-31545

According to our records a "Well Completion Report" filed with this office December 20, 1985 on the above referenced well indicates the following electric logs were run: Dual Laterolog & MSFL, Compensated D & N, Laserlog. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than October 18, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna  
Well Records Specialist

Enclosure

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0170S/15

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

4

5. LEASE DESIGNATION AND SERIAL NO.  
U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N.A.

7. UNIT AGREEMENT NAME  
EIGHT MILE FLAT UNIT

8. FARM OR LEASE NAME  
S.O. UTAH

9. WELL NO.  
11-8

10. FIELD AND POOL, OR WILDCAT  
GREEN RIVER

11. SEC., T., R., N., OR S.E., AND  
SURVEY OR AREA  
SEC. 8, T9S, R18E

12. COUNTY OR PARISH 13. STATE  
UINTAH UTAH

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
S.O. UTAH, INC.

3. ADDRESS OF OPERATOR  
1344 W. HWY. 40 VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
660' FWL and 659' FNL NW/NW

14. PERMIT NO. 15. ELEVATIONS (Show whether OF, BT, OR, etc.)  
U-080-4-M-266 5028' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐  
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐  
SHOOT OR ACIDIZE ☐ ABANDON\* ☐  
REPAIR WELL ☐ CHANGE PLANE ☐  
(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐  
FRACTURE TREATMENT ☐ ALTERING CASING ☐  
SHOOTING OR ACIDIZING ☐ ABANDONMENT\* ☐  
(Other) Change of Operator ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that as of September 1, 1985 S.O. Utah, Inc. has become operator of the subject well. Effective August 31, 1985 Hill-Hart Operating Company is no longer Designated Operator.

Contact for S.O. Utah, Inc.: Mr. Doug Thamer  
P.O. Box 6107  
1997 S. 1100 E.  
S.L.C., Utah 84106  
801-484-0942

Field Contact for S.O. Utah, Inc.: Mr. Scott Seeby  
1344 W. Hwy. 40  
Vernal, Utah 84078  
801-789-4666

18. I hereby certify that the foregoing is true and correct

SIGNED Scott J. Seeby  
(This space for Federal or State office use)

TITLE Operations Manager

DATE 10-21-85

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

**GAVILAN PETROLEUM, INC.**

P.O. Box 6107  
Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

RECEIVED

December 11, 1985

DEC 23 1985

DIVISION OF OIL  
GAS & MINING

United States Department Of  
The Interior  
Bureau Of Land Management  
170 South 500 East  
Vernal, Utah 84078

Re: Operations update on the following wells  
located in the Eight Mile Flat Unit.

Lease Designation #U-16540  
Federal 11-8  
Federal 13-8  
Federal 34-8

Lease Designation #U-18048  
Federal 32-13  
Federal 34-13

*9 South 18 East  
Uintah County*

Gentlemen:

On September 1, 1985 S.O. Utah, Inc. released Hill-Hart Operating Company as Designated Operator (Contract Operator) for the above referenced wells. On September 1, 1985, S.O. Utah, Inc. became operator for the above referenced wells.

Between February 1, 1985 and September 1, 1985, Hill-Hart Operating Company completed Sundry Notices regarding non-compliance to federal regulations on the above referenced wells. During this time frame work was performed in order to correct areas of non-compliance.

On approximately September 20, 1985, S.O. Utah, Inc. received files on the above referenced wells. Upon examining these files, we found no notice to your office of compliance.

At this time, S.O. Utah, Inc. would like to inform your office where compliance has been made on the above referenced wells.

**OPERATIONS OFFICE**

1344 West Highway #40 / Vernal, Utah 84078 / (801) 789-4666



United States Department Of  
The Interior  
Bureau Of Land Management  
December 11, 1985  
Page 2

First, we would like to give the status of each well referenced above.

11-8 - Permission granted to temporarily  
abandon until March, 1986

13-8 - Producing Oil Well.

34-8 - Producing Oil Well.

32-13 - Producing Oil Well.

34-13 - Plugged, preparing to reclaim location.

Sign Variance Request - Compliance on 11-8, 13-8, 34-8, 32-13,  
and 34-13.

Signs have been changed from Uintah Management Corporation/  
Quest Drilling and Exploration to S.O. Utah, Inc.

Hydrocarbons In Pit - Compliance on 13-8 and 34-8.

During the month of July, 1985, approximately 30 barrels  
of crude was recovered from the 13-8 pit and approximately  
70 barrels from the 34-8 pit. We are happy to report  
these pits are free of removable crude.

The pits on the 11-8 and 32-13 contain recoverable crude  
at this time. We respectfully request permission to  
remove the crude from these pits no later than July  
31, 1986.

Very little crude exists in the 34-13 pit as stated  
above, and we are currently preparing to reclaim this  
location as the well has been plugged.

United States Department Of  
The Interior  
Bureau Of Land Management  
December 11, 1985  
Page 3

Test Frac Tanks On Location - Compliance on 13-8

Two frac tanks were removed from this location during the month of July, 1985.

Unauthorized Temporary Storage Of Rig - Compliance on 13-8.

Compliance has been made per the provisions provided by Mr. David Saupe, Acting Area Manager, in his letter dated April 4, 1985.

Run Off Diversion Trench - Compliance 11-8.

During a workover in March, 1985, run off water made operations difficult on location. A trench was excavated to divert water. This trench has been filled and compacted.

Deserving special attention is disposal of produced water. Sundry notices provided by Hill-Hart Operating Company addressed disposal methods by submitting an Oil Analysis showing BS&W percentages for each well, and requesting a pit liner waiver.

S.O. Utah, Inc., would like to apply for approval, disposal into unlined pits for the 13-8 and 34-8. Two of the three currently producing oil wells referenced above.

We justify our application for the 13-8 using requirements in section IV of regulation NTL-2B. The 13-8 currently produces 5 barrels of total fluid per day and has less than 5,000 ppm total dissolved solids on the enclosed water analysis report.

We justify our application for the 34-8 using requirement number 4 under Section IV of NTL-2B. This well does not produce five barrels of water per day. Current production is 10 barrels of total fluid per day. Our current Oil Analysis, enclosed, shows BS&W at 2% by volume. Also, no new zones have been opened since Hill-Hart Operating Company reported. For your information, a Water Analysis is enclosed for this well.

**GAVILAN PETROLEUM, INC.**

P.O. Box 6107

Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

United States Department Of  
The Interior  
Bureau Of Land Management  
December 11, 1985  
Page 4

Familiarizing ourselves with regulation NTL-2B, we realize the 32-13 is in Non-Compliance. After reworking this well in August, 1985, it began producing 250 barrels of water per day to the pit. Current water production is 50 barrels per day to the pit. We are transporting this water to Hansen's approved disposal pit located near Bridgeland, Utah.

Because this pit is not lined, we propose to immediately set a 400 barrel production tank for produced water. Water will be transported as above. We ask that this be approved as a disposal method. We will follow up with a Sundry Notice upon completing the work. Enclosed for your information is a Water Analysis for this well.

We respectfully request that this letter serve as notice for compliance as stated above and further serve as notice for methods of produced water.

Please feel confident that S.O. Utah, Inc. is taking all necessary steps to fully comply with all regulations. We sincerely appreciate your assistance and cooperation.

Very truly yours,

*Scott J. Seeby*

Scott J. Seeby  
Operations Manager

SJS:jr

Enclosure

cc: Mr. Lee Sammis  
Mr. Doug Thamer



**Sooner Chemical Specialties Inc.**  
an affiliate of The PQ Corporation

P.O. Box 1028  
Roosevelt Utah 84066  
(801) 722-3386

12- 5-85

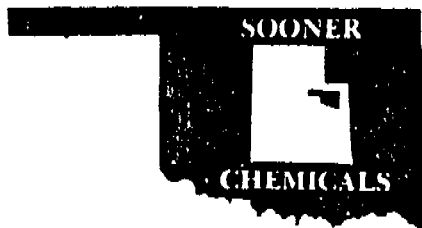
Gavilan Petroleum  
S.O. Utah

Subject: Phosphate Residual - 32-13

32-13 = 9.0 ppm Phosphate ( $\text{PO}_4$ )

---

O.K. Spencer



# SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000  
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765  
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

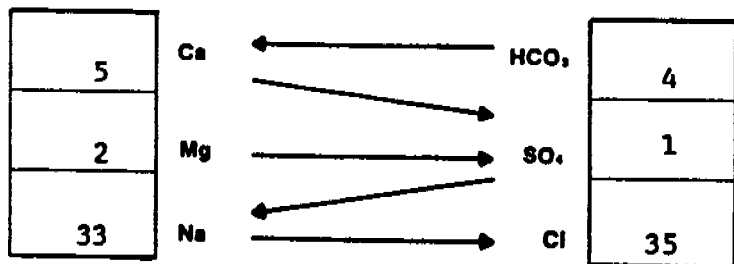
## WATER ANALYSIS REPORT

COMPANY Gavilan Petroleum S.O. Utah ADDRESS Roosevelt, Utah DATE: 12-5-85  
SOURCE 13-8 DATE SAMPLED \_\_\_\_\_ ANALYSIS NO. 1895

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>6.75</u>	
2. H <sub>2</sub> S (Qualitative)		
3. Specific Gravity	<u>1.0075</u>	
4. Dissolved Solids	<u>3,000</u>	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	<u>220</u>	
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> <u>268</u>	+61 <u>4</u> HCO <sub>3</sub>
9. Chlorides (Cl)	Cl <u>1,239</u>	+35.5 <u>35</u> Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> <u>40</u>	+48 <u>1</u> SO <sub>4</sub>
11. Calcium (Ca)	Ca <u>100</u>	+20 <u>5</u> Ca
12. Magnesium (Mg)	Mg <u>30</u>	+12.2 <u>2</u> Mg
13. Total Hardness (CaCO <sub>3</sub> )	<u>225</u>	
14. Total Iron (Fe)	<u>31</u>	
15. Barium (Qualitative)	<u>0</u>	
16. Phosphate Residuals	<u>4</u>	

\*Milli equivalents per liter

## PROBABLE MINERAL COMPOSITION



### Saturation Values

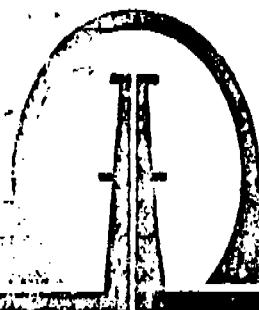
Ca CO<sub>3</sub> 13 Mg/l  
Ca SO<sub>4</sub> · 2H<sub>2</sub>O 2,090 Mg/l  
Mg CO<sub>3</sub> 103 Mg/l

### Distilled Water 20°C

13 Mg/l  
2,090 Mg/l  
103 Mg/l

Compound	Eqv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>4</u>		<u>324</u>
Ca SO <sub>4</sub>	68.07		<u>1</u>		<u>68</u>
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62		<u>2</u>		<u>95</u>
Na HCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		<u>33</u>		<u>1,929</u>

REMARKS Resistivity = 1.62 Ohm Meters @ 71 °F



# Hinta Research and Analytical Services

P.O. BOX 1488 - ROOSEVELT, UTAH 84066

James F. Smith

(801) 722-2532

## Crude Oil Analysis Report:

Company Name: Hill Gart Oper. Co  
Sample Point: Fed 34-8  
Field: \_\_\_\_\_  
Depth: \_\_\_\_\_

Date Sampled: 5-1-85 Date: 5-1-85  
Location: \_\_\_\_\_  
County: \_\_\_\_\_  
URAS Log Number: 0-998

A.P.I. Gravity @ 60/60 f 34.1  
145.2 Saybolt Sec. Vis at 140  
114.0 Saybolt Sec. Vis at 200

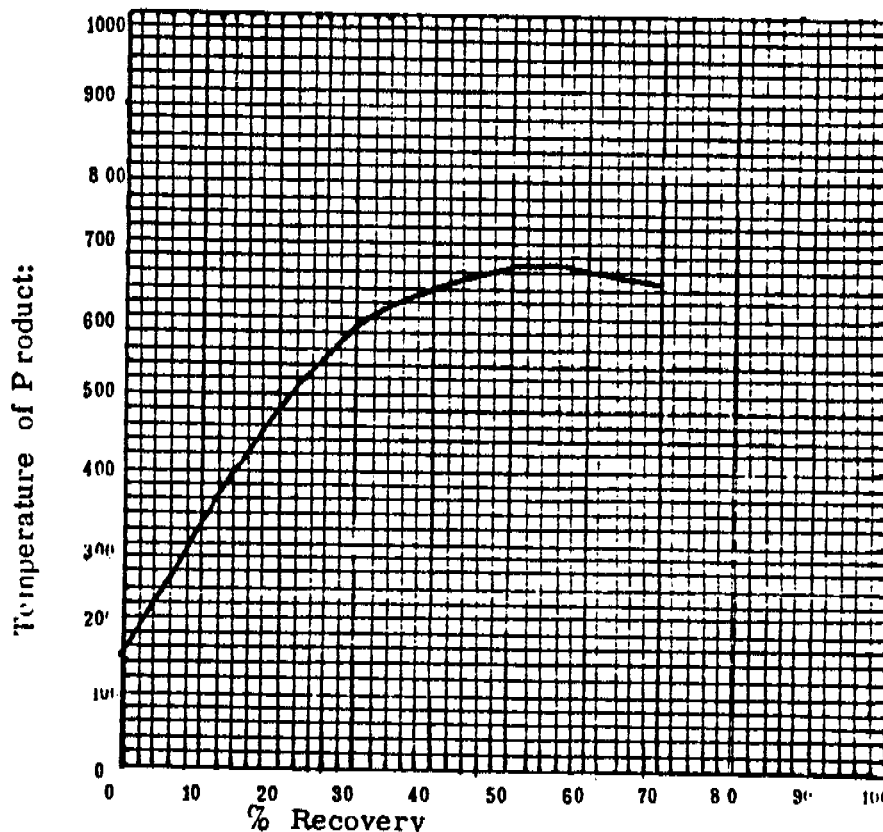
B.S.W. % by Volume: 2.0  
°F \_\_\_\_\_  
°F \_\_\_\_\_

Metals:

PPM:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

## Distillation Graph:



% Distillation:	°F
1.B.P.	156
10	330
20	488
30	591
40	640
50	666
60	660
70	645
End Point	666
Recovery	73
Residue	23
Loss	4

Comments: Pour Point = 95°F

Gasoline = 16% of Dist. Kerosene = 6% of Dist.

Diesel = 7 % of Dist.

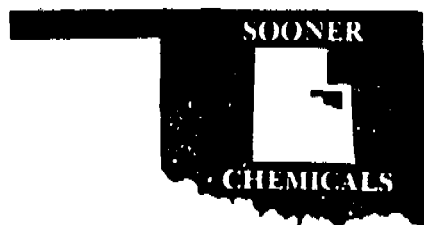
Heavy Ends = remainder of Dist. Analyst: \_\_\_\_\_

Gas  
Chromatography

Hydrogen  
Sulfite

Oil  
Analysis

Weil  
Meter  
Calibrations



# SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000  
P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765  
P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

## WATER ANALYSIS REPORT

COMPANY Gavilan Petroleum S.O. Utah ADDRESS Roosevelt, Utah DATE: 12-5-85

SOURCE S.O. Utah 32-13 DATE SAMPLED \_\_\_\_\_ ANALYSIS NO. 1868

Analysis

Mg/l (ppm)

\*Meq/l

1. PH	6.4		
2. H <sub>2</sub> S (Qualitative)	None Detected		
3. Specific Gravity	1.0650		
4. Dissolved Solids	90,000		
5. Suspended Solids			
6. Anaerobic Bacterial Count	Initiated Culture	C/MI	
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	680		
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> 830	+61	14 HCO <sub>3</sub>
9. Chlorides (Cl)	Cl 44,250	+35.5	1,246 Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> 36,000	+48	750 SO <sub>4</sub>
11. Calcium (Ca)	Ca 1,400	+20	70 Ca
12. Magnesium (Mg)	Mg 462	+12.2	38 Mg
13. Total Hardness (CaCO <sub>3</sub> )	3,300		
14. Total Iron (Fe)	28		
15. Barium (Qualitative)	0		
16. Phosphate Residuals			

\*Milli equivalents per liter

## PROBABLE MINERAL COMPOSITION

70	Ca	←	HCO <sub>3</sub>	14
38	Mg	→	SO <sub>4</sub>	750
1,902	Na	→	Cl	1,246

Saturation Values

Distilled Water 20°C

Ca CO<sub>3</sub>

13 Mg/l

Ca SO<sub>4</sub> · 2H<sub>2</sub>O

2,090 Mg/l

Mg CO<sub>3</sub>

103 Mg/l

Compound	Equiv. Wt.	X	Meq/l	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		14	1,135
Ca SO <sub>4</sub>	68.07		56	3,812
Ca Cl <sub>2</sub>	55.50			
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17			
Mg SO <sub>4</sub>	60.19		38	2,287
Mg Cl <sub>2</sub>	47.62			
Na HCO <sub>3</sub>	84.00			
Na <sub>2</sub> SO <sub>4</sub>	71.03		656	46,596
Na Cl	58.46		1,246	72,841

REMARKS Resistivity = 0.101 Ohm Meters @ 68 °F

**GAVILAN PETROLEUM, INC.**

P.O. Box 6107  
Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

**RECEIVED**  
MAR 31 1986

March 27, 1986

**DIVISION OF  
OIL, GAS & MINING**

State of Utah  
Division of Oil, Gas  
& Mining  
3 Triad Center- Suite 350  
355 West North Temple  
Salt Lake City, Utah 84180-1203

Gentlemen:

Enclosed, please find the Application for Non-paying Well Determination for the Eight Mile Flat Unit 11-8. If there are any questions, please contact Mr. Doug Thamer.

Very truly yours,

*JoAnn Riddle*

JoAnn Riddle  
Production Clerk

/j

Enclosure



**GAVILAN PETROLEUM, INC.**

P.O. Box 6107  
Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

March 27, 1986

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

Re: Eight Mile Flat Unit  
Application for Non-paying  
Well Determination  
S.O. Utah Well 11-8  
T. 18S., R. 9E., SLB&M,  
Uintah County, Utah

Gentlemen:

S.O. Utah hereby makes application for the following well to be classified a non-paying well based on the guidelines that a paying well is one that will recover original capital costs leasehold costs plus drilling and completion costs and operating costs and make a reasonable profit.

Under these guidelines it is determined, based on the performance of the 11-8 Well (shut in since March of 1985) that the 11-8 is considered a non-paying well. The attached Exhibit A shows the history of the production. The 11-8 Well has produced a total of only 425 barrels of oil to date. The well will no longer be produced.

Based on the electric log interpretation the well appeared to have producible sand; however, pump testing in addition to cased hole testing determined that the well is incapable of producing on a sustained basis. It is the present plan of the company to convert the well into a disposal water well.

Based on all available information, it is determined that the 11-8 Well should be classified as a non-paying well for unit purposes. Based on this data it is respectfully requested that the Bureau of Land Management classify the 11-8 Well as a non-paying well.

**GAVILAN PETROLEUM, INC.**

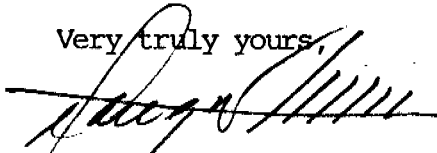
P.O. Box 6107  
Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

Bureau of Land Management  
March 27, 1986  
Page 2

Because of the Eight Mile Flat unit does not have an active unit operator, Gavilan Petroleum, on behalf of the S.O. Utah Partnership makes application for the subject determination. Please advise S.O. Utah of your decision at the below listed address located in Vernal, Utah.

Very truly yours,



Dougald H. Thamer  
President

DHT:jr

Enclosure

cc Mr. Lee C. Sammis  
Mr. Dick Johns  
Belco Petroleum

11-8 EIGHT MILE FLAT

DATE	PROD DAYS	BOPM	MCFM	BWPM	GOR	% WTR	BOPD	MCFD	OIL SALES	ADJ GRAV	GAS SALES	CUM OIL	CUM GAS	CUM WATER	REMARKS
NOV.84	4	298	0	0	0	0.0	75	0	0	---	0	298	0	0	
DEC	19	0	0	346	0	0.0	0	0	0	---	0	298	0	346	
YTD:	23	298	0	346					0		0				
JAN.85	7	0	0	75	0	0.0	0	0	0	---	0	298	0	421	SHUT IN
FEB	3	64	31	1	487	1.5	25	12	0	---	0	362	31	422	SHUT IN
MAR	6	57	40	64	708	53.1	10	7	0	---	0	418	71	486	WORKOVER
APR	0	0	0	0	0	0.0	0	0	0	---	-	418	71	486	SHUT IN
MAY	0	0	0	0	0	0.0	0	0	0	---	0	418	71	486	SHUT IN
JUN	0	0	0	0	0	0.0	0	0	0	---	0	418	71	486	SHUT IN
JUL	0	0	0	43	0	0.0	0	0	195	27.4	0	418	71	529	SHUT IN
AUG	0	6	0	0	0	0.0	0	0	0	----	0	425	71	529	SHUT IN
SEP	0	0	0	0	0	0.0	0	0	0	----	0	425	71	529	SHUT IN
OCT	0	0	0	0	0	0.0	0	0	0	----	0	425	71	529	SHUT IN
NOV	0	0	0	0	0	0.0	0	0	0	----	-	425	71	529	SHUT IN
DEC	0	0	0	0	0	0.0	0	0	0	----	-	425	71	529	SHUT IN
YTD:	15	127	71	183					195		0				
JAN .86	0	0	0	0	0	0.0	0	0	0	----	0	425	71	529	SHUT IN
YTD:	0	0	0	0					0		0				

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-16540
2. NAME OF OPERATOR S.O. UTAH, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N.A.
3. ADDRESS OF OPERATOR 1344 W. HWY. 40 VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME EIGHT MILE FLAT UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FWL and 659' FNL NW/NW		8. FARM OR LEASE NAME S.O. UTAH
14. PERMIT NO. U-080-4-M-266		9. WELL NO. 11-8
15. ELEVATIONS (Show whether BP, RT, OR, etc.) 5028' RKB		10. FIELD AND POOL, OR WILDCAT GREEN RIVER
		11. SEC., T., R., N., OR S.E. AND SURVEY OR AREA SEC. 8, T9S, R18E
		12. COUNTY OR PARISH UINTAH
		13. STATE UTAH

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANE

Workover Procedure

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This Sundry Notice succeeds a letter dated 2-7-86 by Mr. Floyd Ferguson, District Manager.

Because subject well is not economical as a hydrocarbon producer, we at S.O. Utah propose to convert this well to a water disposal well. Procedures, outlines, and necessary information have been obtained from Mr. Allen McKee from the Vernal B.L.M. office on 3-21-86 and Mr. Gill Hunt from the State of Utah on 4-2-86.

We respectfully request 60 days to process information, design, order equipment, and start injection if approval is granted for such a well.

Thank you!

18. I hereby certify that the foregoing is true and correct

SIGNED

*Scott J. Becky*

TITLE Operations Manager

DATE 4-2-86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

EXHIBIT E-3

**SMITH ENERGY SERVICES**

**RESEARCH AND DEVELOPMENT**

Company: <u>Ouest Oil</u> Address: _____ Attention: _____ Date Sampled: _____	Report No: <u>2010</u> Date: <u>1/30/85</u> County: _____ Field: _____ Formation: <u>Green River</u> Lease: _____ Well: _____
--	---

**OIL ANALYSIS**

Oil samples were received for analysis from the 32-13, 34-8, 13-8 and 11-8 wells. After pour point observations, it was determined that more detailed information about the characteristics of the oils was needed to design a treatment which would provide longer term protection against paraffin deposition. Western Wellchem's gas chromatograph revealed the following paraffin peaks and also reported other pertinent information:

<u>Lease</u>	<u>Paraffin Index</u>	<u>BS&amp;W (water)</u>	<u>Primary Paraffin Peaks</u>
32-13	10% @ 80°F.	1.2% (0.4%)	56°F. PP C <sub>17</sub> -C <sub>19</sub>
34-8	18.3% @ 80°F.	8.0% (0.2%)	68°F. PP C <sub>17</sub> , C <sub>18</sub> , C <sub>21</sub> , C <sub>27</sub>
13-8	18.3% @ 80°F.	6.0% (0.4%)	66°F. PP C <sub>19</sub> , C <sub>21</sub> , C <sub>27</sub> , C <sub>28</sub>
11-8	18.3% @ 80°F.	2.0% (1.6%)	70°F. PP C <sub>17</sub> , C <sub>22</sub> , C <sub>23</sub> , C <sub>29</sub>

The following chemicals were chosen to prevent deposition of each particular paraffin combination:

<u>Paraffin Chemical</u>	<u>Well #</u>	<u>Paraffin Peaks</u>
PDC-4E	32-13	C <sub>17</sub> -C <sub>19</sub>
PDC-5E	13-8	C <sub>19</sub> , C <sub>21</sub> , C <sub>27</sub> , C <sub>28</sub>
PDC-6E	34-8	C <sub>17</sub> , C <sub>18</sub> , C <sub>21</sub> , C <sub>27</sub>
PDC-6E	11-8	C <sub>17</sub> , C <sub>22</sub> , C <sub>23</sub> , C <sub>29</sub>

FORM NO. DOGM-UIC-1  
(Revised 1983)

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5 & RULE 1-4)

received  
4-4-86

RECEIVED  
JUL 08 1986

IN THE MATTER OF THE APPLICATION OF  
S.O. Utah, Inc.

ADDRESS 1680 W. Hwyway 40  
Suite 1230 Vernal, Utah ZIP 84078  
INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE Federal 11-8 WELL  
SEC. 8 TWP. 95 RANGE 18E  
Uintah COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

DIVISION OF

OIL, GAS & MINING

ENHANCED RECOVERY INJ. WELL ☐  
DISPOSAL WELL ☐  
LP GAS STORAGE ☐  
EXISTING WELL (RULE 1-4) ☐

Lease Name <u>S.O. Utah</u>	Well No. <u>11-8</u>	Field <u>Eight Mile Flat</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NW 1/4 / NW 1/4</u> Sec. <u>8</u> Twp. <u>95</u> Rge. <u>18E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>3-22-85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>300'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil-Gas</u>
Location of Operating wells within area of Injection Source(s) <u>injection well.</u>		Geologic Name(s) <u>Various depths producing oil</u> and Depth of Source(s) <u>gas within the Green</u> <u>River formation.</u>	
Geologic Name of Injection Zone <u>Lower Douglas Creek</u>		Depth of Injection Interval <u>5218'</u> to <u>5370'</u>	
a. Top of the Perforated Interval: <u>5218'</u>	b. Base of Fresh Water: <u>300'</u>	c. Intervening Thickness (a minus b) <u>4918'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Please see exhibit "G".</u>			
Injection Rates and Pressures <u>Maximum Variable (depends on demand)</u> B/D <u>1670 psig</u> <u>maximum-2,000 psc. - average 1,000</u> PSI <u>1000 RUND</u>			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Please see item 12 under enclosed requirement sheet.</u>			

Scott J. Seeby (operations manager)

Name and Title of Representative of Company

Date: June 30, 19 86

(OVER)

## INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s) and surface owner(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of the well. (See Rule I-5(b)(3).)
6. If the application is for a NEW well the original and two (2) copies of the application and two (2) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. Form DOGM-UIC-3b must be filed by January 31st each year for all injection or disposal wells.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 <sup>5</sup> / <sub>8</sub> "	310'	220	Surface	Inspection
Intermediate	N.A.	N.A.	N.A.	N.A.	N.A.
Production	5 <sup>1</sup> / <sub>2</sub> "	6090'	565	2745'	C.B.L.
Tubing	2 <sup>7</sup> / <sub>8</sub> "	5200'	Name - Type - Depth of Tubing Packer Mountain States - Arrow Model - 5200'		
Total Depth 6090'	Geologic Name - Inj. Zone Lower Douglas Creek		Depth - Top of Inj. Interval 5218'	Depth - Base of Inj. Interval 5370'	

received  
4-4-86

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1  
(Revised 1983)

RECEIVED  
JUL 08 1986

IN THE MATTER OF THE APPLICATION OF  
S.O. Utah, Inc.

ADDRESS 1630 W. Hwy 40  
Suite 1230 Vernal, Utah ZIP 84078  
INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE Federal 11-8 WELL  
SEC. 8 TWP. 95 RANGE 18E  
Uintah COUNTY, UTAH

CAUSE NO. \_\_\_\_\_ DIVISION OF  
OIL, GAS & MINING

ENHANCED RECOVERY INJ. WELL ☐  
DISPOSAL WELL ☐  
LP GAS STORAGE ☐  
EXISTING WELL (RULE 1-4) ☐

Lease Name <u>S.O. Utah</u>	Well No. <u>11-8</u>	Field <u>Eight Mile Flat</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NEW / NEW</u> Sec. <u>8</u> Twp. <u>95</u> Rge. <u>18E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>3-22-85</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>300'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil-Gas</u>
Location of Injection Source(s) <u>Operating wells within area of injection well.</u>	Geologic Name(s) and Depth of Source(s) <u>Various depths producing oil gas within the Green River formation</u>		
Geologic Name of Injection Zone <u>Lower Douglas Creek</u>		Depth of Injection Interval <u>5218'</u> to <u>5370'</u>	
a. Top of the Perforated Interval: <u>5218'</u>	b. Base of Fresh Water: <u>300'</u>	c. Intervening Thickness (a minus b) <u>4918'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones <u>Please see exhibit "G".</u>			
Injection Rates and Pressures Maximum <u>Variable (depends on demand)</u> B/D <u>maximum-2,000 psc.</u> average <u>1,000</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Please see item 12 under enclosed requirement sheet.</u>			

Scott J. Seeby (operations manager)  
Name and Title of Representative of Company

Date: June 30, 19 86



[illegible]

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JUL 08 1986

## DIVISION OF OIL, GAS & MINING

COMMENTS:

PREPARED BY

Scott J. Seeby

OFFICE

Vernal

PHONE

789-4666

**MOUNTAIN  
STATES**  
**OIL TOOLS**

**RECEIVED**  
JUL 08 1986

**DIVISION OF  
OIL, GAS & MINING**

Detailed reply to Section V, Rule 502  
"The Thirteen Requirements"

(1) a plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;

-----

Please see exhibit "A" for the above stated requirements.

(2) copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper, and porosity;

-----

Please see exhibit "B-1" and "B-2" for the above stated requirements.

(3) a copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;

-----

Please see exhibit "C" for the above stated requirement.

(4) copies of logs already on file with the Division should be referenced, but need not be refiled;

-----

For the sake of clarity and time, logs have been provided with this application.

(5) a description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;

-----

As recorded on exhibit "C". The Federal 11-8 well has 310 feet of 85/8 inch 24 pound per foot surface casing and 5,993 (P.B.T.D.) feet of 5½ inch 17 pound per foot production casing as measured from the Kelly Bushing.

The proposed method for testing the production casing above is as follows. Set a retrievable bridge plug above the existing perforations and pressure test to 2,000 ps;.

(6) A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily;

-----

Injection fluid will consist of produced formation water. The source of this produced water will be from area wells. Estimated amounts to be injected daily will depend on demand from area operators.

(7) standard laboratory analyses of (1) the fluid to be injected, (2) the fluid in the formation into which the fluid is being injected; and (3) the compatibility of the fluids.

-----  
(1) Exhibits "D-1" and "D-2" are representative of fluids to be injected.

(2) Exhibits "E-1" through "E-3" give specific properties of fluids that exist in the injection interval.

(3) The injecting fluids and injection interval fluid are not compatible.

(8) the proposed average and maximum injection pressures;

-----  
Average injection pressure should be 1,000 ps; , maximum injection pressure should not exceed 2,000 ps; .

(9) evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;

-----  
Please see exhibit "F" for the above stated requirement.

(10) appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;

-----  
Geologic name is Lower : Douglas Creek within the Green River Formation. Please see exhibits "G" and "H" for the above stated geologic data required, except lateral extent, which is unknown.

(11) a review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;

-----  
at present there are no wells located within one-half mile radius of the proposed injection well.

(12) an affidavit certifying that a copy of the application has been provided to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well;

-----

Surface owners

Federal Lands  
Bureau of Land Management  
Vernal District office  
170 South 500 East  
Vernal, Utah 84078

Operators-Mineral owners

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

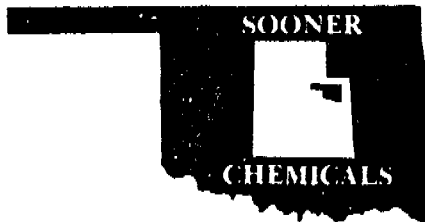
Ensearch Exploration (Robert J. Dimarco)  
1680 West Hyway 40 Suite 1231  
Vernal, Utah 84078

Belco Petroleum Corporation (Belnorth)  
211 South 1000 East  
Vernal, Utah 84078

(13) any other additional information that the Board or Division may determine is necessary to adequately review the application.

-----

Provided upon request.



# SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74862 Phone (405) 382-2000  
 P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765  
 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 724-3386

RECEIVED  
 JUL 08 1985

## DIVISION OF WATER ANALYSIS REPORT OIL, GAS & MINING

COMPANY Gavilan Petroleum S.O. Utah ADDRESS Roosevelt, Utah DATE: 12-5-85  
 SOURCE 13-8 DATE SAMPLED \_\_\_\_\_ ANALYSIS NO. 1895

Analysis

Mg/l (ppm)

\*Meq/l

1. PH	<u>6.75</u>		
2. H <sub>2</sub> S (Qualitative)			
3. Specific Gravity	<u>1.0075</u>		
4. Dissolved Solids		<u>3,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			C/MI
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		<u>220</u>	
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub>	<u>268</u>	+61 <u>4</u> HCO <sub>3</sub>
9. Chlorides (Cl)	Cl	<u>1,239</u>	+35.5 <u>35</u> Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub>	<u>40</u>	+48 <u>1</u> SO <sub>4</sub>
11. Calcium (Ca)	Ca	<u>100</u>	+20 <u>5</u> Ca
12. Magnesium (Mg)	Mg	<u>30</u>	+12.2 <u>2</u> Mg
13. Total Hardness (CaCO <sub>3</sub> )		<u>225</u>	
14. Total Iron (Fe)		<u>31</u>	
15. Barium (Qualitative)		<u>0</u>	
16. Phosphate Residuals		<u>4</u>	

\*Milli equivalents per liter

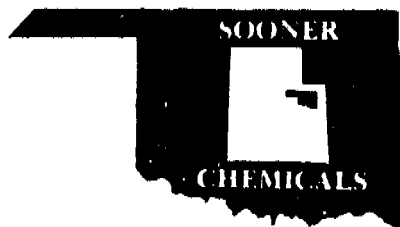
### PROBABLE MINERAL COMPOSITION

Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		<u>4</u>		<u>324</u>
Ca SO <sub>4</sub>	68.07		<u>1</u>		<u>68</u>
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62		<u>2</u>		<u>95</u>
Na HCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.46		<u>33</u>		<u>1,929</u>

Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS Resistivity = 1.62 Ohm Meters @ 71 °F



# SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000  
 P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765  
 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

## WATER ANALYSIS REPORT

Gavilan Petroleum

COMPANY S.O. Utah ADDRESS Roosevelt, Utah DATE: 12-5-85  
 SOURCE 34-8 DATE SAMPLED \_\_\_\_\_ ANALYSIS NO. 1894

Analyte

Mg/l (ppm)

\*Meq/l

1. PH	<u>6.8</u>		
2. H <sub>2</sub> S (Qualitative)			
3. Specific Gravity	<u>1.0250</u>		
4. Dissolved Solids		<u>22,000</u>	
5. Suspended Solids			
6. Anaerobic Bacterial Count			
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )		<u>550</u>	
8. Bicarbonate (HCO <sub>3</sub> )		<u>671</u>	<u>11</u>
9. Chlorides (Cl)		<u>16,992</u>	<u>479</u>
10. Sulfates (SO <sub>4</sub> )		<u>0</u>	
11. Calcium (Ca)		<u>300</u>	<u>15</u>
12. Magnesium (Mg)		<u>91</u>	<u>7</u>
13. Total Hardness (CaCO <sub>3</sub> )		<u>675</u>	
14. Total Iron (Fe)		<u>41</u>	
15. Barium (Qualitative)		<u>0</u>	
16. Phosphate Residuals		<u>7</u>	

\*mmi equivalents per liter

## PROBABLE MINERAL COMPOSITION

15	Ca	HCO <sub>3</sub>	11
7	Mg	SO <sub>4</sub>	
468	Na	Cl	479

Compound	Equlv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		11		891
Ca SO <sub>4</sub>	88.07				
Ca Cl <sub>2</sub>	55.50		4		222
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17				
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62		7		333
Na HCO <sub>3</sub>	84.00				
Na <sub>2</sub> SO <sub>4</sub>	71.03				
Na Cl	58.48		468		27,359

Saturation Values

Distilled Water 20°C

Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_ Resistivity = 0.553 @ 71 °F

FLOPETROL JOHNSTON

**Schlumberger****WELL PERFORMANCE  
TEST REPORT**

A Production Systems Analysis (NODAL)

Test Date  
12 MAR 85Based On  
Drillstem Test Data JUL 08 1985Report No.:  
42998E

<b>COMPANY</b> <b>HILL/HART</b>		<b>WELL</b> <b>0-16540-11-8</b>																																								
<b>TEST IDENTIFICATION</b> Test Type ..... HILL/HART Test Number ..... 2 Formation ..... GREEN RIVER Test Interval ..... 5195 FT TO 5993 FT Reference Depth ..... KB		<b>WELL LOCATION</b> Field ..... EIGHT MILE FLAT County ..... DUCHESNE State ..... UTAH Sec/Twn/Rng ..... SEC 8 T 9S R 18E Elevation ..... 5028 FT																																								
<b>HOLE CONDITIONS</b> Total Depth (MVD/TVD) ..... 5993 PBDT Hole Size / Deviation Angle ..... 7 7/8 IN Csg / Liner ID ..... 5.5 O.D Perf'd Interval ..... 5218-5226, 5238-5246 Shot Density / Phasing ..... 5252-5254, 5261 Gun Type / Perf Cond ..... 2SPF BULLET GUN		<b>MUD PROPERTIES</b> Mud Type ..... OIL IN ANNULUS Mud Weight ..... Mud Resistivity ..... Filtrate Resistivity ..... Filtrate Chlorides ..... Filtrate Nitrates .....																																								
<b>INITIAL TEST CONDITIONS</b> Gas Cushion Type ..... NONE Surface Pressure ..... 0.0 Liquid Cushion Type ..... NONE Height Above DST Valve ..... 0.0		<b>TEST STRING CONFIGURATION</b> Pipe Length / ID ..... 5156 FT / 2.441 IN Collar Length / ID ..... 0 Packer Depth(s) ..... 5195 FT BH Choke Size ..... .5 IN																																								
<b>NET PIPE RECOVERY</b> <table border="1"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Physical Properties</th> </tr> </thead> <tbody> <tr> <td>2.12 BBL</td> <td>OIL</td> <td>20.8° API @ 60°F</td> </tr> <tr> <td>0.14 BBL</td> <td>H2O</td> <td>PROPERTIES PEND.</td> </tr> <tr> <td></td> <td></td> <td>LAB REPORT</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Volume	Fluid Type	Physical Properties	2.12 BBL	OIL	20.8° API @ 60°F	0.14 BBL	H2O	PROPERTIES PEND.			LAB REPORT							<b>NET SAMPLE CHAMBER RECOVERY</b> <table border="1"> <thead> <tr> <th>Volume</th> <th>Fluid Type</th> <th>Physical Properties</th> </tr> </thead> <tbody> <tr> <td>0.03 FT3</td> <td>GAS</td> <td></td> </tr> <tr> <td>1180 CC</td> <td>OIL</td> <td>25.6 ° API @ 60°F</td> </tr> <tr> <td>20 CC</td> <td>H2O</td> <td>PROPERTIES PENDING</td> </tr> <tr> <td></td> <td></td> <td>LAB REPORT</td> </tr> <tr> <td colspan="2">Pressure: 64</td> <td>GOR: 4.04</td> </tr> <tr> <td colspan="2"></td> <td>GLR 3.97</td> </tr> </tbody> </table>		Volume	Fluid Type	Physical Properties	0.03 FT3	GAS		1180 CC	OIL	25.6 ° API @ 60°F	20 CC	H2O	PROPERTIES PENDING			LAB REPORT	Pressure: 64		GOR: 4.04			GLR 3.97
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<b>INTERPRETATION RESULTS</b> Reservoir Pressure @ Gauge Depth: 1243 PSIG Gauge Depth ..... 5190 FT Hydrostatic Gradient ..... .24 PSI/FT Potentiometric Surface ..... 2708.67 Effective Permeability to ..... 3.4 MD Transmissibility ..... 2.6 MD-FT/CP Skin Factor / Damage Ratio ..... -0.85/ 0.59 Omega / Lambda (2φ System) ..... Radius of Investigation ..... 6.3 FT Measured Wellbore Storage ..... 0.00089 BBL/PSI		<b>ROCK / FLUID / WELLBORE PROPERTIES</b> Reservoir Temperature ..... 142 °F Analysis Fluid Type ..... OIL Formation Volume Factor ..... 1.02 RVB/STB Viscosity ..... 32.7 CP @ 142°F Z-Factor (gas only) ..... - Net Pay ..... 25 FT Porosity ..... 15 % Total System Compressibility ..... 8 E-5 1/PSI Wellbore Radius ..... .33 FT Expected Wellbore Storage ..... 0.00038 BBL/PSI																																								
<b>FLOW RATE DURING DST</b> <b>12.37 BBL/D - Last Rate</b>																																										
<b>MAXIMUM FLOW RATE POTENTIAL AFTER COMPLETION</b>																																										
<b>See Sensitivity Plots</b>																																										



FLOPETROL JOHNSTON

Schlumberger

# WELL PERFORMANCE TEST REPORT

A Production Systems Analysis (NODAL)  
Based On  
Drillstem Test Data

Test Date

03-09-85

Report No.:

42997 E

## COMPANY

**HILL HART**

## WELL

**U-16540 11-8**

## TEST IDENTIFICATION

Test Type ..... CASED HOLE  
Test Number ..... 1  
Formation ..... GREEN RIVER  
Test Interval ..... 5195 - 6200 FT.  
Reference Depth ..... KELLY BUSHING

## WELL LOCATION

Field ..... DEVELOPMENT  
County ..... DUCHESNE  
State ..... UTAH  
Sec / Twn / Rng ..... S8 T9S R18E  
Elevation ..... NOT GIVEN

## HOLE CONDITIONS

Total Depth (MVD/TVD) ..... 6200 FT.  
Hole Size / Deviation Angle ..... --  
Csg / Liner ID ..... 5 1/2" - 15.5#  
Perf'd Interval ..... --  
Shot Density / Phasing ..... --  
Gun Type / Perf Cond ..... --

## MUD PROPERTIES

Mud Type ..... OIL  
Mud Weight ..... --  
Mud Resistivity ..... NA  
Filtrate Resistivity ..... NA  
Filtrate Chlorides ..... NA  
Filtrate Nitrates ..... NA

## INITIAL TEST CONDITIONS

Gas Cushion Type ..... NONE  
Surface Pressure ..... NA  
Liquid Cushion Type ..... NONE  
Height Above DST Valve ..... NA

## TEST STRING CONFIGURATION

Pipe Length / ID ..... 5158 FT./2.34 IN.  
Collar Length / ID ..... NA  
Packer Depth(s) ..... 5194 FT.  
BH Choke Size ..... 1/2 IN.

## NET PIPE RECOVERY

Volume	Fluid Type	Physical Properties
240 FT.	WATER	4.6 OHM -M @ 58°F
		18000 PPM CL.

## NET SAMPLE CHAMBER RECOVERY

Volume	Fluid Type	Physical Properties
1200 CC	WATER	4.6 OHM -M @ 52°F
		18K PPM CL.
Pressure: 25 PSIG		GOR: -- GLR: --

## INTERPRETATION RESULTS

Reservoir Pressure @Gauge Depth: NA  
Gauge Depth ..... NA  
Hydrostatic Gradient ..... NA  
Potentiometric Surface ..... NA  
Effective Permeability to ..... NA  
Transmissibility ..... NA  
Skin Factor / Damage Ratio ..... NA  
Omega / Lambda (2 $\phi$  System) ..... NA  
Radius of Investigation ..... NA  
Measured Wellbore Storage ..... NA

## ROCK / FLUID / WELLBORE PROPERTIES

Reservoir Temperature ..... 142°F  
Analysis Fluid Type ..... NA  
Formation Volume Factor ..... NA  
Viscosity ..... NA  
Z-Factor (gas only) ..... NA  
Net Pay ..... NA  
Porosity ..... NA  
Total System Compressibility ..... NA  
Wellbore Radius ..... NA  
Expected Wellbore Storage ..... NA

## FLOW RATE DURING DST

UNSUCCESSFUL TEST

## MAXIMUM FLOW RATE POTENTIAL AFTER COMPLETION

**Terratek**

# Core Services, Inc.®

**RECEIVED**  
JUL 08 1986

**DIVISION OF  
OIL, GAS & MINING**

October 31, 1984

Quest Drilling & Exploration, Inc.

P. O. Box 197

Duchesne, Utah 84021

Attention: Mr. Dan Lunsford

Subject: Sidewall Core Analysis; Federal No. 11-8 Well; Uintah  
County, Utah; TTCS File No. 85075

Gentlemen:

Tabulated on the following page are the results of our analysis of  
percussion type sidewall samples submitted to our Salt Lake City  
laboratory by Mr. Doug Thamer on October 14, 1984.

Residual fluids were measured by the controlled temperature retort  
extraction method on those samples that were suitable. Porosities  
were determined by the summation of fluids technique, and permea-  
bilities were empirically determined. It should be noted that the  
oil saturations measured in samples Nos. 1 and 2 are the result of  
organic material rather than mobile hydrocarbons.

We sincerely appreciate this opportunity to be of service.

Very truly yours,

*Jack R. Good*

Jack R. Good

Laboratory Director

JRG/slp

DISTRIBUTION LIST

QUEST DRILLING & EXPLORATION, INC.

Federal No. 11-8 Well  
Uintah County, Utah

TTCS File No. 85075

5 COPIES SENT TO:

Quest Drilling & Exploration, Inc.  
P. O. Box 197  
Duchesne, Utah 84021

Attention: Mr. Dan Lunsford

1 COPY SENT TO:

✓ Mr. Doug Thamer  
1084 Cass Street  
Monterey, California 93940

# TerraTek Core Services, Inc.®

QUEST DRILLING & EXPLORATION, INC.

Federal No. 11-8 Well

Uintah County, Utah

TTCS File No. 85075

Cores

Interval

Formation

Sidewall

3609 - 5860 (intermittent)

Green River

# TerraTek Core Services, Inc.®

University Research Park - 360 Wakara Way - Salt Lake City, Utah 84108 - (801) 584-2480 - TWX 910-925-5284

## QUEST DRILLING & EXPLORATION, INC

Well:	Federal No. 11-8	State:	Utah	Date:	31 Oct 1984
Field:	8-Mile Flat	County:	Uintah	ITCS File #:	85075
Drilling Fluid:	Water Base	Location:	Sec 8-T9S-R18E	Elevation:	5028 KB

## SIDEWALL CORE ANALYSIS

Sample Number	Depth (feet)	Permeability	Porosity (%)	Saturation		Odor	Flour	Lithology
		Horz (md)		Oil (%)	H2O (%)			

## GREEN RIVER FORMATION

1	3609.0	0.20	13.0	50.9	45.5	0	0	Sh,slty,lms
2	3697.0	0.10	12.8	57.7	38.5	0	0	Ls,slty,shs
3	5160.0					0	0	Sd,f-vfs,lms,Unsuited for Analysis
4	5214.0	3.1	13.9	14.2	54.2	P	P	Sd,vfs,slty,sl/lms
5	5224.0	6.0	14.9	21.2	42.5	F	P	Sd,f-vfs,slty,sl/lms
6	5253.0	5.0	14.9	18.7	44.8	F	P	Sd,vfs,slty,sl/lms
7	5260.0	2.5	14.3	13.7	50.9	P	P	Sd,vfs,slty,lms
8	5283.0	1.6	13.6	4.0	80.8	0	0	Sd,vfs,slty,lms
9	5340.0					0	0	Sh,lms,Unsuited for Analysis
10	5860.0					0	0	Sh,v/lms,Unsuited for Analysis

**GAVILAN PETROLEUM, INC.**

P.O. Box 6107  
Salt Lake City, Utah 84106

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

**RECEIVED**  
JUL 08 1986

**DIVISION OF  
OIL, GAS & MINING**

June 30, 1986

State of Utah  
Division of Oil, Gas, and Mining  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

RE: Federal 11-8 as a disposal well.

Dear Mr. Hunt:

Enclosed, please find form No. DOGM-UIC-1 for the Federal 11-8 well. Provided are exhibits "A" through "H" which correspond to the thirteen requirements under section V, rule 502.

Pending preliminary approval for well #11-8. S.O. Utah Inc. respectfully requests hearing before the Board of Oil, Gas, and Mining on August 21, 1986.

Sincerely,

*Scott J. Seeby*

Scott J. Seeby

Operations Manager



E.P. Operating Co. Federal # 1-5  
Sec 5 9S. 18E Uintah County

325'

4630

4649

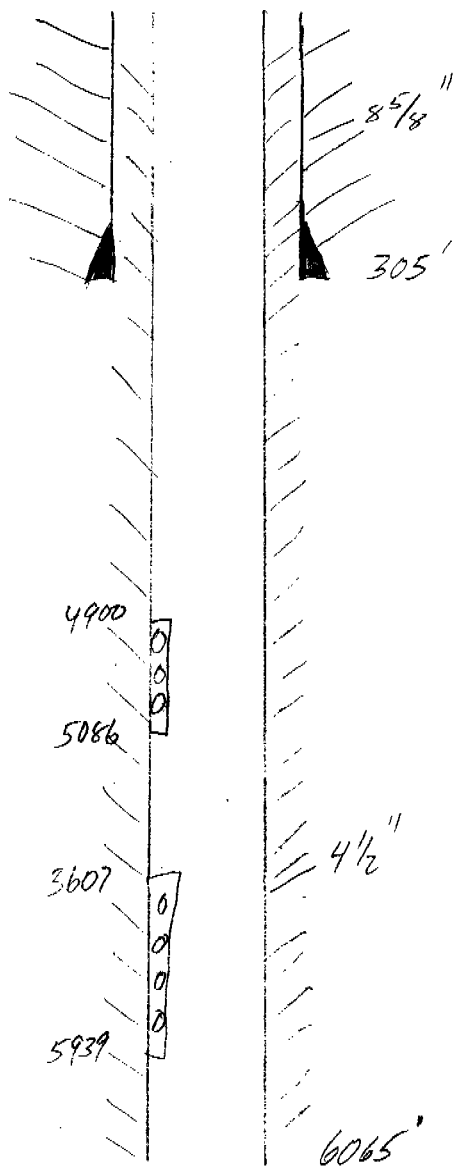
5672

5682

5 1/2

5950'





Overthrust Royce  
SW 7 95, 18 E Vicksburg Co.  
# 7-1

OVERthrust Ranges  
# 34-7

Su 7, 9 S, 18 E  
Vinteh Co.

3668

5912

$8\frac{5}{8}$

315

$5\frac{1}{2}$

6000



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 4, 1986

Newspaper Agency Corporation  
Legal Advertising  
143 South Main - Mezzanine Floor  
Salt Lake City, Utah 84110

Gentlemen:

RE: Cause No. UIC-086

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 13th day of August, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 4, 1986

Vernal Express  
P.O. Box 1010  
Vernal, Utah 84078

Gentlemen:

RE: Cause No. UIC-086

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 13th day of August, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

*Marjorie L. Anderson*  
for  
Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 4, 1986

Uintah Basin Standard  
268 South 200 East  
P.O. Box 370  
Roosevelt, Utah 84066

Gentlemen:

RE: Cause No. UIC-086

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 13th day of August, 1986. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

*Marjorie L. Anderson*  
for

Marjorie L. Anderson  
Administrative Assistant

mfp

Enclosure

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-086  
OF S.O. UTAH, INCORPORATED, :  
FOR ADMINISTRATIVE APPROVAL OF :  
THE FEDERAL #11-8 WELL, LOCATED :  
IN SECTION 8, TOWNSHIP 9 SOUTH, :  
RANGE 18 EAST, S.L.M., UINTAH :  
COUNTY, UTAH, AS A SALT WATER :  
DISPOSAL WELL

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED  
MATTER.

Notice is hereby given that S.O. Utah, Incorporated, 1680 West  
Highway 40, Suite 1230, Vernal, Utah 84078, has requested  
administrative approval to convert the Federal #11-8 well, located 660'  
FWL and 659' FNL of Section 8, Township 9 South, Range 18 East,  
S.L.M., Uintah County, Utah to a salt water disposal well.

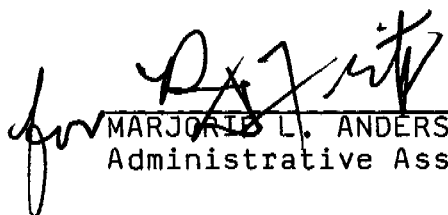
The proposed operating data for the well is as follows:

INJECTION INTERVAL: Green River Formation 5218' - 5370'  
MAXIMUM ESTIMATED SURFACE PRESSURE: 1670 psig  
MAXIMUM ESTIMATED WATER INJECTION RATE: 1000 BWPD

Approval of this Application will be granted unless any objections  
are filed with the Division of Oil, Gas and Mining within fifteen days  
after publication of this Notice. Objections should be mailed to the  
Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355  
West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah  
84180-1203.

DATED this 4th of August, 1986.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
MARJORIE L. ANDERSON  
Administrative Assistant

# UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR GAVILAN Petroleum WELL NUMBER Federal 11-E  
 SEC. 8 T. 9S R. 18E COUNTY Uintah  
 API # 43-047-31545  
 NEW WELL        DISPOSAL WELL ✓ ENHANCED RECOVERY WELL       

- Plat showing surface ownership	Yes <u>✓</u>	No <u>      </u>
- Application forms complete	Yes <u>✓</u>	No <u>      </u>
- Schematic of well bore	Yes <u>✓</u>	No <u>      </u>
- Adequate geologic information	Yes <u>✓</u>	No <u>      </u>
- Rate and Pressure information	Yes <u>✓</u>	No <u>      </u>
- Fluid source	Yes <u>✓</u>	No <u>      </u>
- Analysis of formation fluid	Yes <u>✓</u>	No <u>      </u>
- Analysis of injection fluid	Yes <u>✓</u>	No <u>      </u>
- USDW information	Yes <u>✓</u>	No <u>      </u>
- Mechanical integrity test	Yes <u>✓</u>	No <u>      </u>

Comments: All wells within a one mile radius were  
reviewed, and all wells are mechanically sound  
There are no plugged wells.  
Avg inj. pressure 1200psi  
maximum inj. press 2000psi.  
rate variable?

Reviewed by [Signature]

No. of wells in area of review 0 within 1/2 mile  
3 " 1 mile  
10 beyond 1 mile.

**ENSERCH  
EXPLORATION** INC

One United Bank Center  
1700 Lincoln Street, Suite 3600  
Denver, Colorado 80203-4536  
303-831-1616

ROCKY MOUNTAIN DISTRICT

Marshall T. Berryhill, Jr.  
District Production Manager

Robert A. Clark, Jr.  
District Petroleum Engineer

Danny E. Hagins  
District Production Superintendent

August 13, 1986

**RECEIVED**  
AUG 15 1986

Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 330  
Salt Lake City, Utah 84180-1203

**DIVISION OF  
OIL, GAS & MINING**

Attention: UIC Program Manager

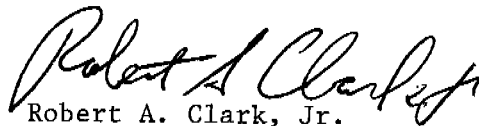
Re: Cause No. UIC-086  
S.O. Utah Incorporated  
Federal Well #11-8  
Salt Water Disposal Application

UIC Program Manager:

EP Operating Company operates the Squaws Crossing Federal #1-5 located 770' FSL and 1927' FEL of Section 5, T9S, R18E, S.L.M., Uintah County, Utah. Our well is approximately 3050' from the proposed disposal well in the subject application.

Because our Federal #1-5 well is currently producing oil from a depth similar to the proposed injection depth, we object to the approval of S.O. Utah's application. If S.O. Utah can provide well logs and an injection test that prove injection will not be detrimental to our well, then we will rescind our objection.

Sincerely,

  
Robert A. Clark, Jr.

RAC/mh



# Affidavit of Publication

ADM-358

STATE OF UTAH,  
County of Salt Lake

SS.

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
DEPARTMENT OF  
NATURAL RESOURCES  
STATE OF UTAH  
CAUSE NO. UIC-086

IN THE MATTER OF THE AP-  
PLICATION OF S.O. UTAH, IN-  
CORPORATED, FOR ADMINIS-  
TRATIVE APPROVAL OF THE  
FEDERAL #11-8 WELL, LO-  
CATED IN SECTION 8, TOWN-  
SHIP 9 SOUTH, RANGE 18  
EAST, S.L.M., UTAH COUNTY,  
UTAH, AS A SALT WATER  
DISPOSAL WELL.

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given that  
S.O. Utah, Incorporated, 1660  
West Highway 40, Suite 1250,  
Vernal, Utah 84078, has re-  
quested administrative approv-  
al to convert the Federal #11-8  
well, located 660' FWL and 659'  
FNL of Section 8, Township 9  
South, Range 18 East, S.L.M.,  
Utah County, Utah to a salt  
water disposal well.

The proposed operating data  
for the well is as follows:

Injection Interval: Green River  
Formation 5218'-5370'  
Maximum Estimated Surface  
Pressure: 1670 psig  
Maximum Estimated Water In-  
jection Rate: 1000 BWPD

Approval of this Application  
will be granted unless any ob-  
jections are filed with the Divi-  
sion of Oil, Gas and Mining  
within fifteen days after publi-  
cation of this Notice. Objections  
should be mailed to the Division  
of Oil, Gas and Mining, Atten-  
tion: UIC Program Manager,  
355 West North Temple, 3 Triad  
Center, Suite 350, Salt Lake  
City, Utah 84100-1203.

DATED this 4th of August,  
1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
Marlorie L. Anderson  
Administrative Assistant

X-12

CHRIS ANDERSON

Being first duly sworn, deposes and says that he/she is  
legal advertising clerk of THE SALT LAKE TRIBUNE,  
a daily newspaper printed in the English language with  
general circulation in Utah, and published in Salt Lake  
City, Salt Lake County, in the State of Utah, and of the  
DESERET NEWS, a daily newspaper printed in the  
English language with general circulation in Utah, and  
published in Salt Lake City, Salt Lake County, in the  
State of Utah.

That the legal notice of which a copy is attached hereto

CAUSE #UIC-086

was published in said newspaper on

AUG 13, 1986

Legal Advertising Clerk

Subscribed and sworn to before me this 14th day of

AUGUST

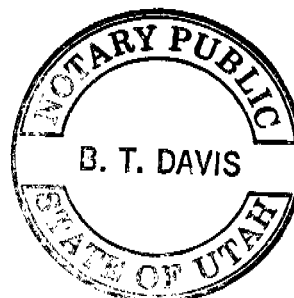
A.D. 1986

B. T. Davis

Notary Public

My Commission Expires

MARCH 01, 1988



# AFFIDAVIT OF PUBLICATION

County of Duchesne, }  
STATE OF UTAH } ss.

I, Craig Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for ..... one ..... consecutive issues, and that the first publication was on the ..... 13 ..... day of ..... August, 19 86, and that the last publication of such notice was in the issue of such newspaper dated the ..... 13 ..... day of ..... August, 19.....

*Craig Ashby*  
.....

Subscribed and sworn to before me this

14<sup>th</sup> day of August, 1986

*Don Z. Czerni*  
.....  
Notary Public.

MY COMMISSION EXPIRES MARCH 1, 1987

My commission expires ....., 19.....

Publication fee, \$.....

## NOTICE OF HEARING

### Cause No. UIC-086

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF S.O. UTAH, INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL No. 11-8 WELL, LOCATED IN SECTION 8, TOWNSHIP 9 SOUTH, RANGE 18 EAST, S.L.M., UTAH COUNTY, UTAH, AS A SALT WATER DISPOSAL WELL.

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that S. O. Utah, Incorporated, 1680 West Highway 40, Suite 1230, Vernal, Utah 84078 has requested administrative approval to convert the Federal No. 11-8 well, located 660' FWL and 659' FNL of Section 8, Township 9 South, Range 18 East, S.L.M., Uintah County, Utah to a salt water

disposal well.

The proposed operating data for the well is as follows:

INJECTION INTERVAL: Green River Formation 5218' - 5370' MAXIMUM ESTIMATED SURFACE PRESSURE: 1670 psig MAXIMUM ESTIMATED WATER INJECTION RATE: 1000 BWPD.

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 4th of August 1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
Marjorie L. Anderson  
Administrative Assistant  
Published in the Uintah  
Basin Standard August 13,  
1986.

RECEIVED  
AUG 22 1986

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Engstrom, President  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 28, 1986

S.O. Utah, Incorporated  
1680 West Highway 40  
Suite 1230  
Vernal, Utah 84078

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-086

Administrative approval is hereby granted to convert the following well to a Class II salt water disposal well:

Federal #11-8  
Section 8, Township 9 South, Range 18 East, S.L.M.  
Uintah County, Utah

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

Dianne R. Nielson  
Director

mfp  
7627U

Notice of publication was sent to the following:

Vernal Express  
PO Box 1010  
Vernal, Utah 84078

Uintah Basin Standard  
268 South 200 East  
PO Box 370  
Roosevelt, Utah 84066

NewspaperAgency  
Legal Advertizing  
Mezzanine Floor  
143 South Main  
Salt Lake City, Utah 84114

Beldo Petroleum Corporation  
211 South 1000 East  
Vernal, Utah 84078

Ensearch Exploration  
Attn; Robert J. Dimarco  
1680 West Highway 40  
Vernal, Utah 84078

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Federal Lands  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

S.O. Utah Incorporated  
1680 West Highway 40  
Suite 1230  
Vernal, Utah 84078

Bureau of Land Management  
Fluid Minerals Caller Service #4104  
Farmington, New Mexico 87499

Bureau of Land Management  
Consolidated Financial Center  
324 South State Street  
Salt Lake City, Utah 84111-2303

U.S. Environmental Protection Agency  
Suite 1300  
Attn; Mike Strieby  
999 18th Street  
Denver, Colorado 80202-2413

Utah State Department of Health  
Water Pollution control  
Attn: Loren Morton  
4241 State Office Building  
Salt Lake City, Utah 84114

*Montague Louben*  
*Aug 4, 1986*

# Affidavit of Publication

ADM-358

STATE OF UTAH,

SS.

County of Salt Lake

BEFORE THE DIVISION OF  
OIL, GAS AND MINING  
DEPARTMENT OF  
NATURAL RESOURCES  
STATE OF UTAH  
CAUSE NO. UIC-086

IN THE MATTER OF THE AP-  
PLICATION OF S.O. UTAH, IN-  
CORPORATED, FOR ADMINIS-  
TRATIVE APPROVAL OF THE  
FEDERAL #11-8 WELL, LO-  
CATED IN SECTION 8, TOWN-  
SHIP 9 SOUTH, RANGE 18  
EAST, S.L.M., UTAH COUN-  
TY, UTAH, AS A SALT WATER  
DISPOSAL WELL.

THE STATE OF UTAH TO  
ALL INTERESTED PARTIES IN  
THE ABOVE ENTITLED MAT-  
TER.

Notice is hereby given that  
S.O. Utah, Incorporated, 1680  
West Highway 40, Suite 1230,  
Vernal, Utah 84057, has re-  
quested administrative approv-  
al to convert the Federal #11-8  
well, located 660' FWL and 659'  
FNL of Section 8, Township 9,  
South, Range 18 East, S.L.M.,  
Utah County, Utah to a salt  
water disposal well.

The proposed operating data  
for the well is as follows:

Injection Interval: Green River  
Formation 5218'-5370'  
Maximum Estimated Surface  
Pressure: 1670 psig  
Maximum Estimated Water In-  
jection Rate: 1000 BWPD

Approval of this Application  
will be granted unless any ob-  
jections are filed with the Divi-  
sion of Oil, Gas and Mining  
within fifteen days after publi-  
cation of this Notice. Objections  
should be mailed to the Division  
of Oil, Gas and Mining, Atten-  
tion: UIC Program Manager,  
355 West North Temple, 3 Triad  
Center, Suite 350, Salt Lake  
City, Utah 84103.

DATED this 4th of August,  
1986.

STATE OF UTAH  
DIVISION OF OIL,  
GAS AND MINING  
Marjorie L. Anderson  
Administrative Assistant

X-12

CHRIS ANDERSON

Being first duly sworn, deposes and says that he/she is  
legal advertising clerk of THE SALT LAKE TRIBUNE,  
a daily newspaper printed in the English language with  
general circulation in Utah, and published in Salt Lake  
City, Salt Lake County, in the State of Utah, and of the  
DESERET NEWS, a daily newspaper printed in the  
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State of Utah.

That the legal notice of which a copy is attached hereto

CAUSE #UIC-086

was published in said newspaper on

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Legal Advertising Clerk

Subscribed and sworn to before me this 14th day of

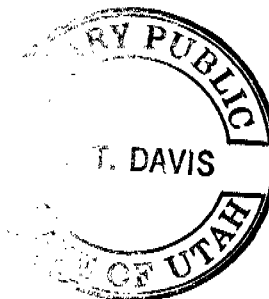
AUGUST

A.D. 1986

Notary Public

My Commission Expires

MARCH 01, 1988



CAUSE NO.  
UIC-086

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF S.L. UTAH, INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL No. 11-8 WELL, LOCATED IN SECTION 8, TOWNSHIP 9 SOUTH, RANGE 18 EAST, S.L.M., UINTAH COUNTY, UTAH, AS A SALT WATER DISPOSAL WELL.

The State of Utah to all interested parties in the above entitled matter.

Notice is hereby given that S.O. Utah, Incorporated, 1680 West Highway 40, Suite 1230, Vernal, Utah 84078, has requested administrative approval to convert the Federal No. 11-8 well, located 660' FWL and 659' FNL of Section 8, Township 9 South, Range 18 East, S.L.M., Uintah County, Utah to a salt water disposal well.

The proposed operating data for the well is as follows:

INJECTION INTERVAL: Green River Formation 5218' - 5370'.

MAXIMUM ESTIMATED SURFACE PRESSURE: 1670 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 1000 BWPD.

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 4th of August, 1986.

State of Utah  
Division of Oil,  
Gas and Mining

MARJORIE L.  
ANDERSON  
Administrative  
Assistant

Published in the Vernal Express August 8, 1986.

## PROOF OF PUBLICATION

STATE OF UTAH, }  
County of Uintah } ss.

I, Brian Wallis,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a semi-weekly newspaper of general circulation, published twice each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for one publications,

the first publication having been made on

the 8th day of August, 1986.

and the last on the 8th day of

August, 1986, that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Brian Wallis  
Manager

Subscribed and sworn to before me,

this 8th day of August

A. D. 19 86.

[Signature]  
Notary Public, Residence, Vernal, Utah

My Commission expires 6-16-89.

CAUSE NO.  
UIC-086

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF S.L. UTAH, INCORPORATED, FOR ADMINISTRATIVE APPROVAL OF THE FEDERAL No. 11-8 WELL, LOCATED IN SECTION 8, TOWNSHIP 9 SOUTH, RANGE 18 EAST, S.L.M., UINTAH COUNTY, UTAH, AS A SALT WATER DISPOSAL WELL.

The State of Utah to all interested parties in the above entitled matter.

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The proposed operating data for the well is as follows:

INJECTION INTER-  
~~VAL: Green River For-~~  
mation 5218' - 5370'.

MAXIMUM  
ESTIMATED SUR-  
FACE PRESSURE: 1670  
psig.

MAXIMUM  
ESTIMATED WATER  
INJECTION RATE: 1000  
BWPD.

Approval of this Application will be granted unless any objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 4th of August, 1986.

State of Utah  
Division of Oil,  
Gas and Mining

MARJORIE L.  
ANDERSON  
Administrative  
Assistant

Published in the Vernal Express August 8, 1986.

## PROOF OF PUBLICATION

STATE OF UTAH, }  
County of Uintah } ss.

I, Brian Wallis,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a semi-weekly newspaper of general circulation, published twice each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for one publications,

the first publication having been made on

the 8th day of August, 1986

and the last on the 8th day of

August, 1986, that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By \_\_\_\_\_  
Manager

Subscribed and sworn to before me,

this 8th day of August

A. D. 19 86.

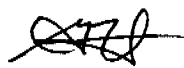
Jack R. Wallis  
Notary Public, Residence, Vernal, Utah

My Commission expires 6-16-89.

MEMO TO FILE

S.O. Utah  
Federal #11-8 Well  
Sec. 8, T9S, R18E  
Uintah County, Utah

I contacted Mr. Scott Seeby by phone on the morning of September 12, 1986. I told him that the approval for the above referenced well was being rescinded, that it had been issued in error while I was absent, and that there had been an objection filed by Enserch Exploration, Incorporation.

 9/12/86  
Gil Hunt



P 001 661 408

# RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1984-446-014

PS Form 3800, Feb. 1982

Sent to	
S.O. Utah, Inc.	
Street and No.	
1680 W. Highway 40	
P.O., State and ZIP Code	
Suite 1230 Vernal, VT 05478	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3811, July 1983  
M. Poulsen - VIC

**SENDER:** Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

S.O. Utah, Inc.  
1680 W. Highway 40  
Suite 1230  
Vernal, Utah 84078

4. Type of Service:

- |   |                                  |
|---|----------------------------------|
| <input type="checkbox"/> Registered           | <input type="checkbox"/> Insured |
| <input checked="" type="checkbox"/> Certified | <input type="checkbox"/> COD     |
| <input type="checkbox"/> Express Mail         |                                  |

Article Number

P001-861-908

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee

X

6. Signature - Agent

X

7. Date of Delivery

8. Addressee's Address (ONLY if requested and fee paid)

1680 W. Hwy 40. Suite 1230  
Vernal, Ut 84078

DOMESTIC RETURN RECEIPT

Return to Sender

**UNITED STATES POSTAL SERVICE**  
**OFFICIAL BUSINESS**

**SENDER INSTRUCTIONS**

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE  
USE, \$300

**RETURN  
TO**



STATE OF UTAH

(Name of Sender)

**NATURAL RESOURCES**

**OIL, GAS & MINING**

(No. and Street Apt., Suite, P.O. Box or R.D. No.)

**3 TRIAD CENTER, SUITE 350**

**SALT LAKE CITY, UTAH 84103-1293**

(City, State, and ZIP Code)



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

received  
9-15-86

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 12, 1986

S.O. Utah, Incorporated  
1680 W. Highway 40  
Suite 1230  
Vernal, Utah 84078

Gentlemen:

RE: Disposal Well Approval - Cause No. UIC-086, Federal #11-8 Well,  
Section 8, T9S, R18E, Uintah County, Utah

Approval of the application for the above referenced disposal well was issued by this office on August 28, 1986. Review of our records and the well file for this well indicates that this approval was issued in error. Therefore, the approval issued on August 28, 1986, for use of the Federal #11-8 well as a disposal well is hereby rescinded.

An objection (copy enclosed) to the approval of the application for the use of the Federal #11-8 well as a disposal well, was received by the Division on August 15, 1986. In as much as an objection was received in this matter, an approval can not be given at this time.

The matter will be scheduled for hearing before the Board of Oil, Gas and Mining at the next available meeting. In the event that either the application is withdrawn or the objection is withdrawn, the hearing will not be necessary.

I am sorry for the inconvenience this may have caused you. If you have any questions concerning this matter, please call.

Best regards,

Dianne R. Nielson  
Director

mfp  
Enclosure  
0156U-92



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 27, 1986

S.O. Utah, Incorporated  
1680 West Highway 40  
Suite 1230  
Vernal, Utah 84078

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-086

Administrative approval is hereby granted to convert the following well to a Class II salt water disposal well:

Federal #11-8  
Section 8, Township 9 South, Range 18 East, S.L.M.  
Uintah County, Utah

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards,

A handwritten signature in cursive script that reads "Dianne R. Nielson".

Dianne R. Nielson  
Director

mfp  
7627U

**ENSERCH  
EXPLORATION** INC

One United Bank Center  
1700 Lincoln Street, Suite 3600  
Denver, Colorado 80203-4536  
303-831-1616

ROCKY MOUNTAIN DISTRICT

Marshall T. Berryhill, Jr.  
District Production Manager

Robert A. Clark, Jr.  
District Petroleum Engineer

Danny E. Hagins  
District Production Superintendent

October 16, 1986

State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 305  
Salt Lake City, Utah 84180-1203

Attention: UIC Program Manager

**RECEIVED**  
OCT 20 1986

**DIVISION OF  
OIL, GAS & MINING**

Re: Docket #86-030  
Cause #UIC-086  
S.O. Utah, Inc.  
Uintah County, Utah

Gentlemen:

EP Operating has reviewed S.O. Utah Inc.'s salt water disposal application for the Federal #11-8. Based upon the data in their application, EP Operating no longer objects to the approval of this application provided that S.O. Utah, Inc. does not exceed a maximum injection pressure of 2000 psi and a maximum rate of 1000 BWPD.

Cordially,

  
Marshall T. Berryhill, Jr.

JRB/mh

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF HEARING
OF S. O. UTAH, INC. FOR		
ADMINISTRATIVE APPROVAL OF THE	:	DOCKET NO. 86-030
NO. 11-8 WELL LOCATED IN SECTION	:	CAUSE NO. UIC-086
8, TOWNSHIP 9 SOUTH, RANGE 18	:	
EAST, ASA CLASS II SALTWATER	:	
DISPOSAL WELL, UINTAH COUNTY,	:	
UTAH		

---oo0oo---

THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION,  
MINERAL AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED  
IN UINTAH COUNTY, UTAH.

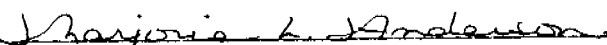
Notice is hereby given that the Board of Oil, Gas and  
Mining will conduct a hearing on October 23, 1986 at 10:00 a.m., or  
as soon thereafter as the matter may be heard, in the boardroom of  
the Division of Oil, Gas and Mining, 355 West North Temple,  
3 Triad Center, Suite 301, Salt Lake City, Utah. The hearing will  
continue to Friday, October 24, 1986, if necessary.

The purpose of the proceeding will be for the Board to  
receive information with regard to the applicants plans for  
converting the No. 11-8 well to a Class II Saltwater Disposal Well.  
The Board will also receive any further objections or withdrawal of  
the current objection to the proposed conversion.

Persons interested in this matter may participate pursuant  
to the Procedural Rules of the Board. The Application and any  
subsequent pleadings may be inspected in the office of the  
undersigned, 355 West North Temple, 3 Triad Center, Suite 350, Salt  
Lake City, Utah.

DATED this 29th day of September, 1986.

STATE OF UTAH  
BOARD OF OIL, GAS AND MINING

  
Marjorie L. Anderson  
Secretary of the Board

**GAVILAN PETROLEUM, INC.**

P.O. Box 6107  
Salt Lake City, Utah 84106

122440

1997 South 1100 East  
Salt Lake City, Utah 84106  
(801) 484-0942

**RECEIVED**  
DEC 01 1986

**DIVISION OF  
OIL, GAS & MINING**

November 26, 1986

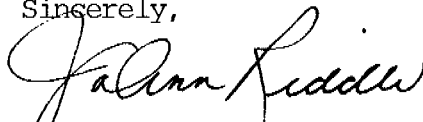
Ms. Pam Kenna  
Stat of Utah  
Division of Oil, Gas & Mining  
3 Triad Center - Suite 350  
355 North Temple  
Salt Lake City, Utah 8480-1203

Dear Ms. Kenna:

Enclosed please find Sundry Notices, Well Completion Reports on the following Wells: Federal 11-8, Tabby Canyon Ute Tribal 5-13, Sowers Canyon Ute Tribal 3-26.

Please contact me if there are any questions.

Sincerely,



JoAnn Riddle  
Production Clerk

/j

Enclosure



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-16540
2. NAME OF OPERATOR S.O. Utah		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N.A.
3. ADDRESS OF OPERATOR 1680 West Hwy. 40, Suite 1230, Vernal, Utah 84078		7. UNIT AGREEMENT NAME Eight Mile Flat
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FWL 659' FNL		8. FARM OR LEASE NAME S.O. Utah
14. PERMIT NO. 4304731546 U-080-4-M-266		9. WELL NO. 11-8
15. ELEVATIONS (Show whether OF, RT, OR, etc.) 5028' RKB		10. FIELD AND POOL, OR WILDCAT GreenRiver
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 8, T. 9S., R. 18E., NW/NW
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Salt Water Conversion			

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 8-15-86, Ensearch Exploration provided written objection to conversion of the referenced well. Please see letter attached. Upon providing Ensearch Exploration with an approved application, objection was rescinded on 10-21-86. State of Utah Administrative approval was granted S.O. Utah on 10-27-86 to convert referenced well. Please see letter attached.

Subsequent work on referenced well was as follows: Removed crude from pit on 3-27-86. Removed production battery from well to Tabby Canyon Ute Tribal 5-13 on 3-28-86. Moved conversion equipment on location during September 1986. Will continue with conversion as planned weather permitting.

Thank you!

**RECEIVED**  
DEC 01 1986

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Scott J. Saly TITLE Operations Manager

DATE 11-26-86

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

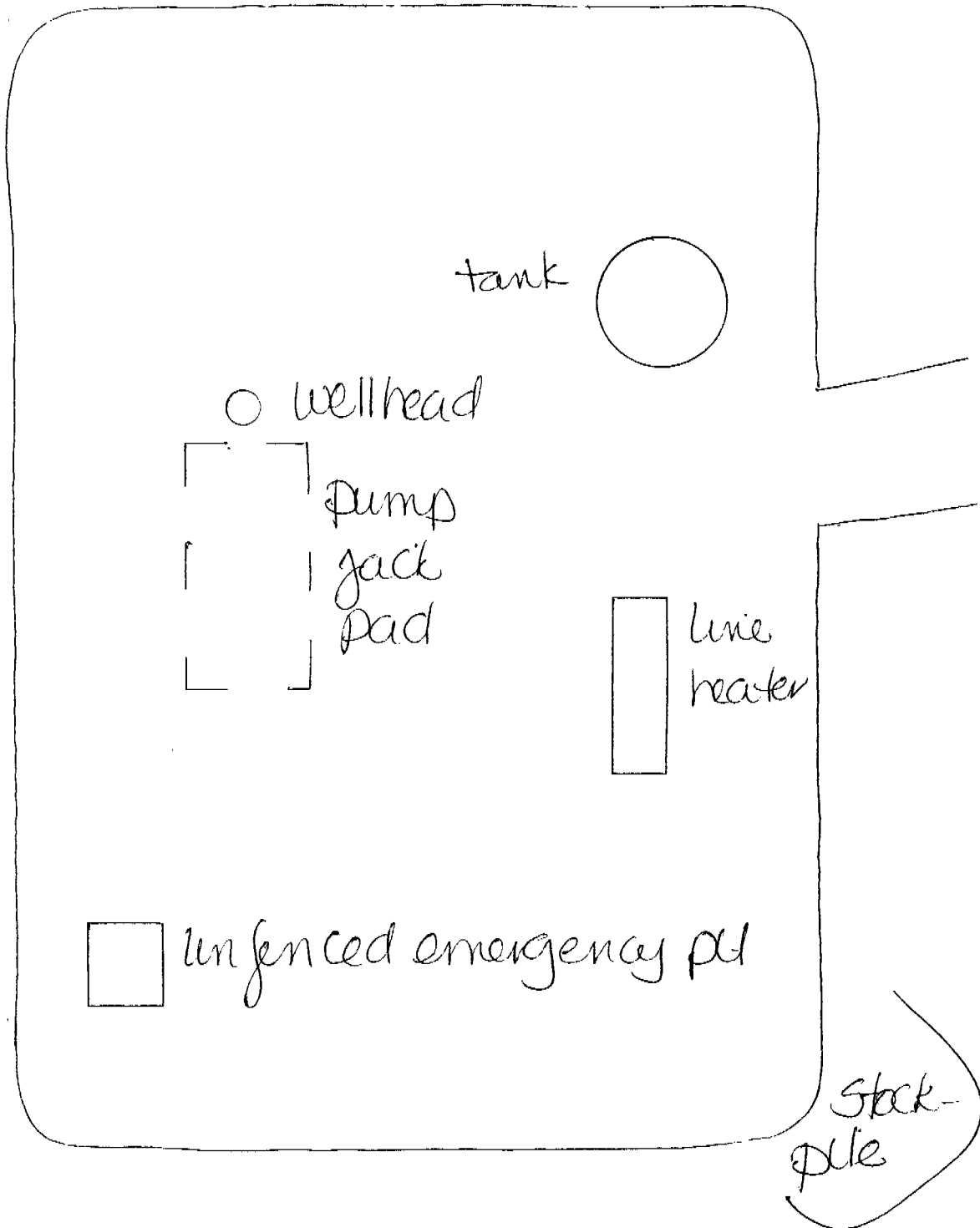
DATE \_\_\_\_\_

\*See Instructions on Reverse Side

31545

Legislative Act U11-8 Sec 8, T9S, R18E Chubby 5/17/89

N



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0034  
Expires: July 31, 1995

TRANSFER OF OPERATING RIGHTS (SUBLEASE) IN A  
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCES

Mineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)  
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)  
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)  
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

U-16540

Type or print plainly in ink and sign in ink.

1. Transferee (Sublessee)\* **ROCKY MOUNTAIN OPERATING COMPANY, INC.**

Street **3281 Cherryridge Road**

City, State, ZIP Code **Englewood, Colorado 80110**

PART A: TRANSFER

\*If more than one transferee, check here ☐ and list the name(s) and address(es) of all additional transferees on the reverse of this form on a separate attached sheet of paper.

This transfer is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) ☒ Operating Rights (sublease) ☐ Overriding Royalty, payment out of production or other similar interests or payments

2. This transfer (sublease) conveys the following interest:

Land Description  Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
See Exhibit A attached hereto for interests being conveyed hereby.				None	Those of record.
3. See Exhibit B attached hereto for additional provisions hereof.					

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

THE UNITED STATES OF AMERICA

This transfer is approved solely for administrative purposes. Approval does not warrant that either party to this transfer holds legal or equitable title to this lease.

APR 1 1994

☒ Transfer approved effective

By

(Authorized Officer)

Chief, Minerals  
Adjudication Section

(Title)

MAR 15 1994

(Date)

## PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The transferor certifies as owner of an interest in the above designated lease that he/she hereby transfers to the above transferee(s) the rights specified above.
2. Transferee certifies as follows: (a) Transferee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the transfer of NPR-A leases, transferee is a citizen, national, or resident alien of the United States or associations of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Transferee is not considered a minor under the laws of the State in which the lands covered by this transfer are located; (c) Transferee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options), or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920, or 51,200 acres in any one State if this is a geothermal lease; and (d) All parties holding an interest in the transfer are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Transferee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Transferee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Transferee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein. Applicable terms and conditions include, but are not limited to, an obligation to conduct all operations on the leasehold in accordance with the terms and conditions of the lease, to condition all wells for proper abandonment, to restore the leased lands upon completion of any operations as described in the lease, and to furnish and maintain such bond as may be required by the lessor pursuant to regulations 43 CFR 3104, 3134, or 3206.

For geothermal transfers, an overriding royalty may not be less than one-fourth ( $\frac{1}{4}$ ) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this transfer is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 8th day of February, 19 94

Name of Transferor 80 UTAH

Transferor By Lee C. Paulmis Please type or print  
or General Partner (Signature)

Attorney-in-fact \_\_\_\_\_ (Signature)

2010 Main Street, Suite 570  
(Transferor's Address)

Irvine, California 92714  
(City) (State) (Zip Code)

Executed this 8th day of MARCH, 19 94

ROCKY MOUNTAIN OPERATING COMPANY, INC.

Transferee By [Signature]  
or President (Signature)

Attorney-in-fact \_\_\_\_\_ (Signature)

## BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 30 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0034), Washington, D.C. 20503.

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT A

(Attached to and made a part of Transfer of Operating Rights (Sublease) in a Lease for Oil and Gas in Respect of United States Oil and Gas Lease U-16540 executed by SO UTAH, a partnership, as Transferor, to ROCKY MOUNTAIN OPERATING COMPANY, INC., a corporation, as Transferee, under date of February \_\_\_\_\_, 1994.)

<u>Tract No.</u>	<u>Description</u>	<u>Percentage of Interest</u>		
		<u>Owned:</u>	<u>Conveyed:</u>	<u>Retained:</u>
Tract I	<u>Township 9 South, Range</u> <u>18 East, S.L.M.</u> Section 8: N $\frac{1}{2}$ NW $\frac{1}{4}$ ; From the surface of the earth to the stratigraphic equivalent of a depth of 6,090 feet as encountered in the Eight Mile Flat Unit #11-8 Well located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Section 8. Containing 80 acres in Uintah County, Utah.	100.00%	100.00%	None
Tract II	<u>Township 9 South, Range</u> <u>18 East, S.L.M.</u> Section 8: W $\frac{1}{2}$ SE $\frac{1}{4}$ ; From the surface of the earth to the stratigraphic equivalent of a depth of 5,924 feet as encountered in the Eight Mile Flat Unit #34-8 Well located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of said Section 8. Containing 80 acres in Uintah County, Utah.	100.00%	100.00%	None
Tract III	<u>Township 9 South, Range</u> <u>18 East, S.L.M.</u> Section 8: N $\frac{1}{2}$ SW $\frac{1}{4}$ ; From the surface of the earth to the stratigraphic equivalent of a depth of 5,932 feet as encountered in the Eight Mile Flat #13-8 Well located in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 8. Containing 80 acres in Uintah County, Utah.	100.00%	100.00%	None

UTAH STATE OFFICE  
RECEIVED  
ACCOUNTS UNIT  
94 MAR 10 AM 11:45  
DEPT OF INTERIOR  
BUREAU OF LAND MGMT

EXHIBIT B

(Attached to and made a part of Transfer of Operating Rights (Sublease) in a Lease for Oil and Gas in Respect of United States Oil and Gas Lease U-16540 executed by SO UTAH, a partnership, as Transferor, to ROCKY MOUNTAIN OPERATING COMPANY, INC., as Transferee, under date of February 08, 1994.)  
March LCS

4. Notwithstanding anything to the contrary contained herein or any approval of this Transfer by the Utah State Office, Bureau of Land Management, this Transfer shall be effective as between the parties hereto as of December 1, 1993, at 7:00 A.M., local time.

5. This Transfer is made without warranties of title, express, implied, or statutory on the part of the Transferor.

6. The terms, provisions, and conditions of this Transfer shall inure to the benefit of and be binding upon the parties hereto, their legal representatives, successors, and assigns.

ACKNOWLEDGMENT

STATE OF Calif. )  
COUNTY OF Orange ) ss.

UTAH STATE OFFICE  
RECEIVED  
ACCOUNTS UNIT  
MAR 10 AM 11:45  
DEPT OF INTERIOR  
BUREAU OF LAND MGMT

The foregoing instrument was acknowledged before me this 8th day of February, 1994, by Lee C. Sammis, as General Partner of SO UTAH, a partnership.

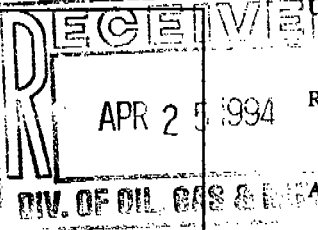
Linda C. Galt  
Notary Public

My commission expires:

Oct 3, 1994

OPERATOR NAME AND ADDRESS:

UTAH ACCOUNT NUMBER: N9951



APR 25 1994

REPORT PERIOD (MONTH/YEAR): 3 / 94

**DIV. OF OIL, GAS & REVENUE AMENDED REPORT** ☐ **(Highlight Changes)**

listed under  
50 Utah

COMMENTS:

#940502 50 Utah 674-851-9503 "Janice" mailing into


Eight mile Flat Unit - Cline 0 & 6 A.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 04/21/94

Name and Signature:

This report is true and complete to the best of my knowledge.

 David Neibauer

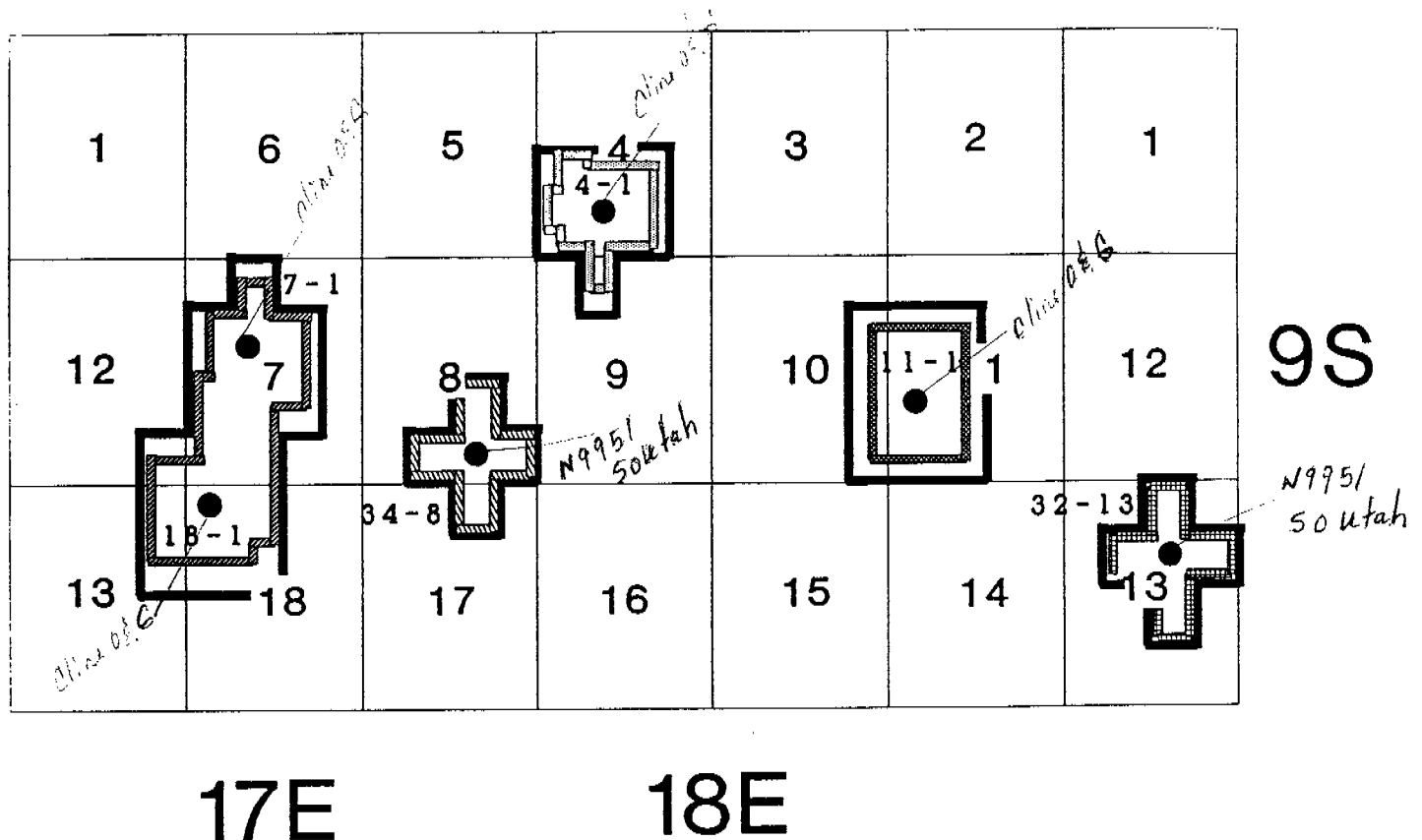
Telephone Number: (303) 721-0922

IDS Tax &amp; Services

(No knowledge of Rocky Mtn. Oper. Co. Inc. or Mr. Neibauer)

# EIGHT MILE FLAT UNIT

## Uintah County, Utah



- UNIT OUTLINE (UTU63073X)
- GREEN RIVER PA "A"
- GREEN RIVER PA "B"
- GREEN RIVER PA "C"
- GREEN RIVER PA "D"
- GREEN RIVER PA "E"

GRRV PA "A"  
ALLOCATION  
FEDERAL 100.00%

GRRV PA "D"  
ALLOCATION  
FEDERAL 100.00%

GRRV PA "B"  
ALLOCATION  
FEDERAL 100.00%

GRRV PA "E"  
ALLOCATION  
FEDERAL 100.00%

GRRV PA "C"  
ALLOCATION  
FEDERAL 100.00%

AS CONTRACTED DECEMBER 23, 1986





May 2, 1994

DIVISION OF OIL GAS & MINING  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203


ATTENTION: Ms. Lisha Cordova

Gentlemen:

Per our telephone conversation of this morning, enclosed please find a copy of the "Transfer of Operating Rights (Sublease) in a Lease for Oil and Gas or Geothermal Resources" for Lease Serial Nos. U-18048 and U-16540 respectively.

Please let me know if you need any additional information.

Yours truly,

  
Janice Rosenquist  
Controller

JR/b

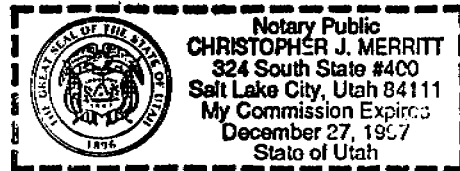
Enclosures

**RECEIVED**  
MAY 4 1994  
DIVISION OF  
OIL GAS & MINING

STATE OF UTAH           )  
                                  )ss.  
COUNTY OF SALT LAKE )

On this day of MAR 15 1994, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

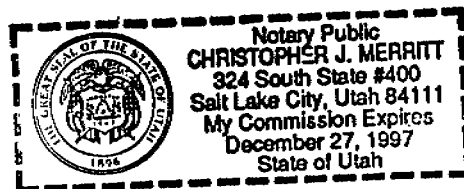


Christopher J. Merritt  
Notary Public

STATE OF UTAH           )  
                                  ) ss.  
COUNTY OF SALT LAKE )

On this day of APR 1 1994, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.



Christopher J. Merritt  
Notary Public



JUL 18 1994

July 15, 1994

State of Utah  
Division of Oil, Gas & Mining  
9 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: UTAH ACCOUNT NO. N9951, S O UTAH  
MONTHLY OIL AND GAS PRODUCTION REPORT

Dear Sir or Madam:

Please be advised that we are in receipt of the above notice for June, 1994, and are no longer the owner of the wells described therein. We have been forwarding the monthly notices to the new lease holder and would appreciate your sending all future correspondence to him directly at the following address:

Mr. Ed Neibauer  
ROCKY MOUNTAIN OPERATING CO., INC.  
3281 Cherryridge Road  
Englewood, CO 80110  
(303) 762-0922

We no longer have any operating interests in the State of Utah and would appreciate being removed from your mailing lists. Thank you for your attention to this matter.

Sincerely,

LEE SAMMIS ASSOCIATES for  
S O UTAH

Linda C. Gale  
Accountant

lg

cc: Mr. Ed Neibauer, ROCKY MOUNTAIN OPERATING CO., INC.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG - 9 1994

DEPT. OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Rocky Mountain Operating Company

3. Address and Telephone No.

3281 Cherryridge Road Englewood, Colorado 80110

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

Eight Mile Flat Area

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Rocky Mountain Operating Company is considered to be the operator of the wells as shown on EXHIBIT "A" and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 0842

14. I hereby certify that the foregoing is true and correct

Signed

Title

PRESIDENT

Date

JUNE 15, 1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ATTACHMENT 1.

EIGHT MILE FLAT UNIT WELLS

GREEN RIVER A PARTICIPATING AREA

11-1	NWSW	11 9S	18E	OSI	UTU15392
------	------	-------	-----	-----	----------

GREEN RIVER B PARTICIPATING AREA

18-1	NWNW	18 9S	18E	POW	UTU39714
7-1	SENW	7 9S	18E	POW	UTU16540

GREEN RIVER C PARTICIPATING AREA

4-1	SESW	4 9S	18E	POW	UTU17424
-----	------	------	-----	-----	----------

GREEN RIVER D PARTICIPATING AREA

32-13	SWNE	13 9S	18E	OSI	UTU18048
-------	------	-------	-----	-----	----------

GREEN RIVER E PARTICIPATING AREA

34-8	SWSE	8 9S	18E	OSI	UTU16540
------	------	------	-----	-----	----------

THE FOLLOWING WELLS WERE DETERMINED NON PAYING AND SUBSEQUENTLY CONTRACTED FROM THE EIGHT MILE FLAT UNIT AREA. THEY SHOULD NOT BE REPORTED ON THE PLAN OF DEVELOPMENT IN THE FUTURE.

3-1	SENE	3 9S	18E	TA	UTU16539
32-8	SWNE	8 9S	18E	POW	UTU16540*CLI
34-7	SWSE	7 9S	18E	POW	UTU16540*CLI
22-10	SENW	10 9S	18E	OSI	UTU17036
11-8	NWNW	8 9S	18E	OSI	UTU16540
13-8	NWSW	8 9S	18E	OSI	UTU16540

APRIL 1 1994

Authorized Officer  
Bureau of Land Management

Re: Eight Mile  
Flat \_\_\_\_\_ Unit  
Uintah \_\_\_\_\_ County, Utah \_\_\_\_\_

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the Eight Mile Flat Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the Eight Mile Flat \_\_\_\_\_ Unit and Unit Operating Agreements. All operations within the Eight Mile Flat \_\_\_\_\_ Unit Agreement will be covered by bond no. 0842.

Sincerely,



Edward Neibauer

Enclosures



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

October 28, 1994

Edward Neibauer  
Rocky Mountain Operating Company, Inc.  
3281 Cherryridge Road  
Englewood, Colorado 80110

Re: Cline Oil and Gas Company & S O Utah to Rocky Mountain  
Operating Company, Inc.

Dear Mr. Neibauer:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce  
Division of Corporations  
160 East 300 South  
Salt Lake City, Utah 84111  
(801) 530-4849

Sincerely,

Lisha Cordova  
Admin. Analyst

cc: Dept. of Commerce  
D.T. Staley  
R.J. Firth  
Operator File(s)  
Correspondence File/ldc



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

AUG 8 1994  
OCT 28 1994

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No.
2. Name of Operator Rocky Mountain Operating Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 3281 Cherryridge Road Englewood, Colorado 80110	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	8. Well Name and No.
	9. API Well No.
	10. Field and Pool, or Exploratory Area Eight Mile Flat Area
	11. County or Parish, State Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

1. Self-certification statement. Under the Federal regulations in effect as of June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate Bureau office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

"Please be advised that Rocky Mountain Operating Company is considered to be the operator of the wells as shown on EXHIBIT "A" and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by 0842

14. I hereby certify that the foregoing is true and correct

Signed

Title

PRESIDENT

Date

JUNE 15, 1994

(This space for Federal or State office use)

Approved by

HOWARD B. CLEAVINGER II

Title

ASSISTANT DISTRICT  
MANAGER MINERALS

Date

OCT 26 1994

# EXHIBIT A

3-1	SENE	Sec 3-T9S-R18E	UTU16539
32-8	SWNE	Sec 8-T9S-R18E	UTU16540
34-7	SWSE	Sec 7-T9S-R18E	UTU16540
22-10	SENW	Sec 10-T9S-R18E	UTU17036
11-8	NWNW	Sec 8-T9S-R18E	UTU16540
13-8	NWSW	Sec 8-T9S-R18E	UTU16540

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Routing: *Wup*

1-DEC/7-SJ
2-DTS/8-FILL
3-VLC
4-RJF/10-28-94
5-LEC
6-PL

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-94)

TO (new operator)	<b>ROCKY MT OPERATING CO INC</b>	FROM (former operator)	<b>S O UTAH</b>
(address)	<b>3281 CHERRYRIDGE RD</b>	(address)	<b>2010 MAIN ST STE 570</b>
	<b>ENGLEWOOD CO 80110</b>		<b>IRVINE CA 92715</b>
	<b>EDWARD NEIBAUER</b>		<b>C/O SAMMIS &amp; ASSOC.</b>
phone	<b>(303) 762-0922</b>	phone	<b>(714) 851-9503</b>
account no.	<b>N 4890 (8-22-94)</b>	account no.	<b>N 9951</b>

Well(s) (attach additional page if needed): **\*EIGHT MILE FLAT UNIT**

Name: <b>*32-13/GRRV</b>	API: <b>43-047-31277</b>	Entity: <b>10276</b>	Sec <b>13</b> Twp <b>9S</b> Rng <b>18E</b>	Lease Type: <b>U-18048</b>
Name: <b>*34-8/GRRV</b>	API: <b>43-047-31547</b>	Entity: <b>10972</b>	Sec <b>8</b> Twp <b>9S</b> Rng <b>18E</b>	Lease Type: <b>U-16540</b>
Name: <b>11-8/GRRV</b>	API: <b>(43-047-31545)</b>	Entity: <b>10275</b>	Sec <b>8</b> Twp <b>9S</b> Rng <b>18E</b>	Lease Type: <b>"</b>
Name: <b>13-8/GRRV</b>	API: <b>43-047-31546</b>	Entity: <b>10975</b>	Sec <b>8</b> Twp <b>9S</b> Rng <b>18E</b>	Lease Type: <b>"</b>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd "Transfer of Operating Rights" 5-4-94)*
- Lee* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd "Transfer of Operating Rights" 5-4-94) (Rec'd 8-9-94)*
- Lee* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? *(yes/no)* \_\_\_\_ If yes, show company file number: \_\_\_\_ *(5-5-94) (8-3-94) (10-28-94 Mr. mailed)*
- Lee* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *10-28-94*
- Lee* 6. Cardex file has been updated for each well listed above. *10-21-94*
- Lee* 7. Well file labels have been updated for each well listed above. *10-21-94*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-28-94)*
- Lee* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- See 2. A copy of this form has been placed in the new and former operators' bond files.
- See 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 11/1/94 1994. If yes, division response was made by letter dated 11/1/94 1994.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated 11/1/94 1994, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: November 4 1994.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

941019 8th/S.Y. Apr. "Eight Mile Flat Unit" operator & H. 10-19-94.

941026 8th/Winn. Apr. "Lower Basin Wells".

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:

6131 S. Forest Ct., Littleton CO 80121 (303)850-7921

4. Location of Well

Footages:

QQ, Sec., T., R., M.: NW NW Sec. 8, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

Eight Mile Flat

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat.         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices and waiting on the field to be electrified to lower operating costs.

13.

Name & Signature:

Edward Neibauer

Title:

President

Date: 2-8-96

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

13155

5. Lease Designation and Serial Number:  
UTU-16540

**SUNDRY NOTICES AND REPORTS ON WELLS**

DIVISION OF OIL, GAS & MINING

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. Well Name and Number:  
Federal #11-8

7. Unit Agreement Name:  
891019635E

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

8. API Well Number:  
43-047-31545

3. Address and Telephone Number:

6131 S. Forest Ct., Littleton CO 80121 (303)850-7921

9. Field and Pool, or Wildcat:

Eight Mile Flat Unit

4. Location of Well

Footages:

QQ, Sec., T., R., M.:

NW NW Sec. 8, T9S, R18E

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual status report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices and waiting on the field to be electrified to lower operating costs.

13.

Name & Signature: Edward Neibauer  Title: President Date: 2-10-95

(This space for State use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:  
Rocky Mountain Operating Co., Inc.

3. Address and Telephone Number:  
6111 S. Forest Ct., Littleton CO 80121 (303)850-7921

4. Location of Well

Footages:

QQ, Sec., T., R., M.: NW NW Sec. 8, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

Eight Mile Flat

County: Uintah

State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

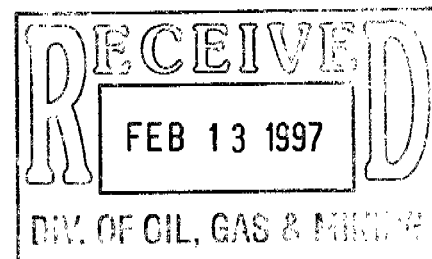
ANNUAL STATUS REPORT: Temporarily shut-in due to waiting on the field to be electrified to lower operating costs and on implementation of a water flood program.

13.

Name & Signature: Betty Neibauer *Betty Neibauer* Title: Secretary Date: 2-4-97

(This space for State use only)

(See Instructions on Reverse Side)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

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1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:  
Rocky Mountain Operating Co., Inc.

3. Address and Telephone Number:  
6111 S. Forest Ct., Littleton CO 80121 (303) 850-7921

4. Location of Well  
Footages:  
QQ, Sec., T., R., M.: NW NW Sec. 8, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

Eight Mile Flat

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

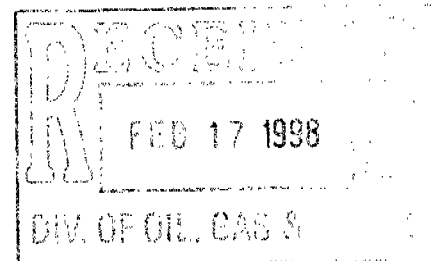
ANNUAL STATUS REPORT: Temporarily shut-in due to low oil prices. Also on the implementation of a water flood program.

13.

Name & Signature: Betty Neibauer *Betty Neibauer* Title: Secretary Date: 2-9-98

(This space for State use only)

(See Instructions on Reverse Side)





# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:  
Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:  
6111 S. Forest Ct., Littleton CO 80121 303-850-7921

4. Location of Well

Footage:

QQ, Sec., T., R., M.: NW NW Sec. 88, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

Eight Mile Flat

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat.         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate date work will start \_\_\_\_\_

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment *                                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in  
due to low oil prices.

13.

Betty Neibauer *Betty Neibauer*

Title: Agent

Date: 2-8-99

Name & Signature:

(This space for State use only)

(See Instructions on Reverse Side)

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:

6111 S. Forest Ct., Littleton CO 80121 303-850-7921

4. Location of Well

Footages:

CO, Sec., T., R., M.: NW NW Sec. 8, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

Eight Mile Flat

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recomplete  
☐ Convert to Injection ☐ Reperforate  
☐ Fracture Treat or Acidize ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☒ Other See Explanation Below

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Reperforate  
☐ Convert to Injection ☐ Vent or Flare  
☐ Fracture Treat or Acidize ☐ Water Shut-Off  
☐ Other \_\_\_\_\_

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

RMOC, Inc. intends to begin production on the  
subject well within the next 12 months assuming  
oil prices remain stable.

13.

Name &amp; Signature: Edward Neibauer

Title: President

Date: 3-23-99

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

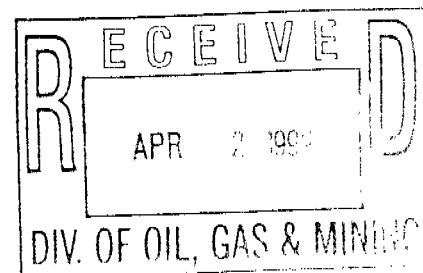
COPY SENT TO OPERATOR  
Date: 5-20-99  
Initials: CBO

(104)

Date: 4-5-99

(See Instructions on Reverse Side)

By: RTH



UTU-16540

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

#891019635E

1. Type of Well: OIL ☒ GAS ☐ OTHER:

Federal #11-8

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

#43-047-31545

3. Address and Telephone Number:

6111 S. Forest Ct., Littleton CO 80121 (303)850-7921

Eight Mile Flat

4. Location of Well

Footages:

OQ, Sec., T., R., M.:

NW NW Sec. 8, T9S, R18E

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Recomplete  
☐ Convert to Injection ☐ Reperforate  
☐ Fracture Treat or Acidize ☐ Vent or Flare  
☐ Multiple Completion ☐ Water Shut-Off  
☐ Other \_\_\_\_\_

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- ☐ Abandon ☐ New Construction  
☐ Repair Casing ☐ Pull or Alter Casing  
☐ Change of Plans ☐ Reperforate  
☐ Convert to Injection ☐ Vent or Flare  
☐ Fracture Treat or Acidize ☐ Water Shut-Off  
☒ Other Annual Status Report

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: Temporarily shut-in due to  
 waiting on completion of pipeline supplying gas to  
 leases in order to help lower propane costs, which  
 have become very costly.

13.

Name &amp; Signature:

Betty Neibauer *Betty Neibauer*

Title:

Agent

Date: 2-6-01

(This space for State use only)

**THIS SUNDRY IS BEING RETURNED, INSUFFICIENT DATA WAS SUBMITTED  
 TO APPROVE THE REQUESTED ACTION.**

The well has been nonactive or nonproductive for 15.5 years. In accordance with R649-3-36, a sundry notice shall be filed indicating the reasons and length of time for the well shut-in or temporary abandonment and a demonstration of the well's integrity; evidence that the well is not a risk to public health and safety or the environment. Upon receipt of this required information, the Division will either approve the request or require remedial measures to be taken to establish and maintain the wells integrity.

RECEIVED

FEB 12 2001

DIVISION OF  
OIL, GAS AND MINING

*R. All M. K.*  
 2/20/01

2-20-01  
 CHD

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Rocky Mountain Operating Company, Inc.

3. Address and Telephone Number:

6111 S. Forest Ct., Littleton CO 80121 (303)850-7921

4. Location of Well

Footages:

QQ, Sec., T., R., M.: NW NW Sec. 8, T9S, R18E

5. Lease Designation and Serial Number:

UTU-16540

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

#891019635E

8. Well Name and Number:

Federal #11-8

9. API Well Number:

#43-047-31545

10. Field and Pool, or Wildcat:

County: Uintah

State: Utah

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *                                    | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection                         | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                    | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Annual Status Report</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

ANNUAL STATUS REPORT: The well is temporarily shut-in and a rework and/or abandonment program is currently being proposed for approval. This work is scheduled to be performed by July 1, 2002.

13.

Name & Signature: Betty Neibauer Betty neibauer Title: Agent

Date: 2-8-02

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, recenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: U16540
2. NAME OF OPERATOR: Inland Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 659 FNL 660 FWL		8. WELL NAME and NUMBER: FEDERAL 4-8-9-18
OTR/QTR. SECTION. TOWNSHIP. RANGE, MERIDIAN: NW/NW, 8, T9S, R18E		9. API NUMBER: 4304731545
		10. FIELD AND POOL, OR WILDCAT: Monument Butte

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will 08/05/2004	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Inland Production Company is requesting a change of name on this well from the Eight Mile Flat Unit 11-8 to the Federal 4-8-9-18.

NAME (PLEASE) Brian Harris  
SIGNATURE   
TITLE Engineering Technici  
DATE August 05, 2004

(This space for State use only)

RECEIVED  
AUG 16 2004  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-16540

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:  
Eight Mile Flat Unit 11-8

9. API NUMBER:  
4304731545

10. FIELD AND POOL, OR WILDCAT:  
Eight Mile Flat

1. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR:  
Rocky Mt. Operating Co. Inc. *N4890*

3. ADDRESS OF OPERATOR:  
518 17th Street Suite 230 CITY Denver STATE Co ZIP 80202

PHONE NUMBER:  
*303 850 7921*

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 659' FNL & 660' FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 8 9S 18E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>8/5/2004</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective August 5, 2004, Inland Production Company will take over operations of the above referenced well. The previous operator was: Rocky Mountain Operating Company.

Effective August 5, 2004, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by the Hartford Insurance Group. *N5160*

RECEIVED  
SEP 13 2004

DIV. OF OIL, GAS & MINING

Seller Name: *EDWARD NEUBAUER*

Title: *PRESIDENT*

Seller Signature: *[Signature]*

Date: *8/5/04*

NAME (PLEASE PRINT) *Gary Alsobrook*

TITLE *Landman*

SIGNATURE *[Signature]*

DATE *8/5/04*

(This space for State use only)

APPROVED *9/30/04*

*ERussell*

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

#### 1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		





## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

### 3. FILE

### Designation of Agent/Operator

## Merger

**8/5/2004**

**Phone: 1-(303) 893-0102**

Unit:

[illegible]

## n/a

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM \*\* BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 9/30/2004
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 9/30/2004
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: n/a

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number n/a
2. The FORMER operator has requested a release of liability from their bond on: n/a  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, UT 84078

(435) 781-4400 Fax: (435) 781-4410  
<http://www.blm.gov/utah/vernal>



IN REPLY REFER TO:

3162.3

UT08300

September 27, 2004

Gary Alsobrook  
Inland Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

43-047-31545

Re: *Federal 48-9-18*  
Wells: ~~Eight Mile Flat 11-8~~  
NWNW, Sec. 8, T9S, R18E,  
Eight Mile Flat 13-8  
NWSW, Sec. 8, T9S, R18E  
Uintah County, Utah  
Lease No. U-16540

Dear Mr. Alsobrook:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Leslie Walker of this office at (435) 781-4497.

Sincerely,

Kirk Fleetwood  
Petroleum Engineer

cc: UDOGM  
Rocky Mountain Operating  
Gilman A. Hill

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SEP 29 2004

DIV. OF OIL, GAS & MINING

### 3. FILE

Designation of Agent/Operator

## Merger

**9/1/2004**

**TO:** ( New Operator):

**N2695-Newfield Production Company**

Route 3 Box 3630

Myton, UT 84052

**Phone: 1-(435) 646-3721**

Unit:

## WELL(S)

[illegible]

**Enter date after each listed item is completed**

5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

June 30, 2005

Newfield Production Company  
Attn: Kelly L. Donohoue  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

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JUL 0 / 2005

DIV. OF OIL, GAS & MINING

*Docket No  
2005-009*



We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Trust Lands Administration  
Division of Oil, Gas and Mining  
Field Manager - Vernal w/enclosure  
File - Sundance (Green River) Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron  
Central Files

UT922:TAThompson:tt:06/30/2005

## Entity Form 6

"C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4304734937	FEDERAL 14-6-9-18	06	090S	180E	14064 to 14844	9/20/2005
4304735183	FEDERAL 9-6-9-18	06	090S	180E	14153 to 14844	9/20/2005
4304735184	FEDERAL 11-6-9-18	06	090S	180E	14127 to 14844	9/20/2005
4304735185	FEDERAL 15-6-9-18	06	090S	180E	14120 to 14844	9/20/2005
4304735751	FEDERAL 16-6-9-18	06	090S	180E	14623 to 14844	9/20/2005
4304735752	FEDERAL 12-6-9-18	06	090S	180E	14649 to 14844	9/20/2005
4304735753	FEDERAL 10-6-9-18	06	090S	180E	14622 to 14844	9/20/2005
4304731126	FEDERAL 6-7-9-18	07	090S	180E	14599 to 14844	9/20/2005
4304731202	FEDERAL 15-7-9-18	07	090S	180E	564 to 14844	9/20/2005
4304735448	FEDERAL 3-7-9-18	07	090S	180E	14661 to 14844	9/20/2005
4304735449	FEDERAL 5-7-9-18	07	090S	180E	14662 to 14844	9/20/2005
4304735451	FEDERAL 11-7-9-18	07	090S	180E	14768 to 14844	9/20/2005
4304735452	FEDERAL 13-7-9-18	07	090S	180E	14755 to 14844	9/20/2005
4304735454	FEDERAL 14-7-9-18	07	090S	180E	14767 to 14844	9/20/2005
4304735503	FEDERAL 12-7-9-18	07	090S	180E	14663 to 14844	9/20/2005
4304731274	FEDERAL 7-8-9-18	08	090S	180E	554 to 14844	9/20/2005
4304731545	FEDERAL 4-8-9-18	08	090S	180E	10275 to 14844	9/20/2005
4304731546	FEDERAL 12-8-9-18	08	090S	180E	10975 to 14844	9/20/2005
4304731547	FEDERAL 15-8-9-18	08	090S	180E	10972 to 14844	9/20/2005
4304735811	STATE 1-16-9-18	16	090S	180E	14390 to 14844	9/20/2005
4304735813	STATE 3-16-9-18	16	090S	180E	14565 to 14844	9/20/2005
4304735819	STATE 9-16-9-18	16	090S	180E	14566 to 14844	9/20/2005
4304735822	STATE 11-16-9-18	16	090S	180E	14577 to 14844	9/20/2005
4304731142	FEDERAL 4-18-9-18	18	090S	180E	14600 to 14844	9/20/2005

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-16540
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: SUNDANCE UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 659 FNL 660 FWL		8. WELL NAME and NUMBER: FEDERAL 4-8-9-18
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW, 8, T9S, R18E		9. API NUMBER: 4304731545
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/18/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -	
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production, attached is a daily recompletion status report. The following perforations were added in the Green River Formation:

GB6 4166'-4178' 4 JSPF 48 holes  
D2 4713'-4721' 4 JSPF 32 holes  
A1 5211'-5230' reperf 4 JSPF 76 holes  
A1 5236'-5246' reperf 4 JSPF 70 holes  
CP2 5595'-5604' 4 JSPF 36 holes  
CP5 5770'-5780' 4 JSPF 40 holes

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech  
SIGNATURE DATE 04/16/2009

(This space for State use only)

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APR 20 2009  
DIV. OF OIL, GAS & MINING

**Daily Activity Report****Format For Sundry****FEDERAL 4-8-9-18****1/1/2009 To 5/30/2009****3/5/2009 Day: 1****Recompletion**

Western #3 on 3/4/2009 - MIRUSU. No polish rod in hole. Pump 60 bbls water down tubing. NU 5 K BOP's. TA not set. PU & TIH w/ 19 jts 2-7/8" J-55 tubing. TOOH tallying tubing w/ 173 jts total. (5287.35'). Flush tubing w/ 35 bbls halfway out of hole. Tag fill @ 5867'. (126' of fill) PU & TIH w/ new 4-3/4" rock bit and scraper, 14 jts 2-7/8" J-55. SWIFN.

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**3/6/2009 Day: 2****Recompletion**

Western #3 on 3/5/2009 - Tubing and casing both dead. Cont. TIH w/ 4-3/4" bit and scraper, SN w/ standing valve, 60 jts J-55. RU hot oiler. Pump 6 bbls down tubing. Pressured up to 300 psi. Would not hold pressure. Fish SV. Drop new SV. Pump 15 bbls still no pressure. RIH w/ SL to seat SV in SN. Pressure test tbg to 4000 psi. Test good. Cont. TIH w/ tbg w/ a total of 128 jts. Pressure test tbg to 3500 psi. Test good. Cont. TIH w/ tbg w/ a total of 190 jts. Pressure test tbg to 3000 psi. TIH w/ SL to retrieve SV. Could not get passed 800'. RU hot oiler. Pump 60 bbls hot water down casing. TIH w/ SL and retrieve SV. C&C hole. Tag fill @ 5867'. Clean out 126' of fill to PBTD of 5993'. Circulate well clean w/ fresh water and KCl. TOOH & stand back tbg. RIH w/ WL. Perforate as follows: Run run #1 CP5 5770-5780; CP2 5595-5604; A1 5236-5246. Run run #2: A1 5211-5230; D2 4713-4721; GB6 4166-4178. All w/ 4 SPF 120 degrees phasing 3-1/8" guns. MU & TIH w/ plug & packer and 9 jts N-80 tbg. SWIFN

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**3/7/2009 Day: 3****Recompletion**

Western #3 on 3/6/2009 - Check pressure on well. Well is dead. Cont. PU & TIH w/ plug and packer on 2-7/8" N-80. Set plug @ 4214'. Packer @ 4140'. Pump down casing @ 1 BPM @ 700 psi. PUH and set plug @ 4122' and packer @ 4076'. Test plug @ packer to 2000 psi. Pump down casing. Won't hold pressure. PUH w/ packer looking for hole in csg. Find hole in csg between 1728' and 1682'. Set packer at 1685'. Pump dye water @ 4 BPM @ 250 psi. Pump 105 bbls and returned 93 bbls from 8-5/8" csg valve. Release packer and plug & TIH. Set plug @ 4214' and packer @ 4144'. Breakdown GB6 perfs @ 3800 psi. Pump into perfs @ 2400 psi @ 1/3 BPM. Release packer and plug. TIH and set plug @ 4733' and packer @ 4694'. Breakdown D2 perfs @ 2700 psi. Pump into perfs @ 2300 psi @ 1/2 BPM. Release packer and plug. TIH and set plug @ 5290' and packer @ 5180'. A1 sds already broken down. Pump into perfs @ 400 psi @ 1/2 BPM. Release packer and plug. TIH and set plug @ 5638' and packer @ 5586'. Breakdown CP2 perfs @ 3800 psi. Pump into perfs @ 3000 psi @ 1/2 BPM. Release packer and plug. TIH and set plug @ 5801' and packer @ 5730'. Breakdown CP5 perfs @ 3800 psi. Pump into perfs @ 2450 psi @ 1/2 BPM. Release tools TOOH w/ 90 jts. EOT @ 2985'. SWIFN

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**3/8/2009 Day: 4****Recompletion**

Western #3 on 3/7/2009 - Check pressure on well. Well is dead. Cont. TOOH w/ plug and packer. Set RBP @ 1788'. PUH to 1765'. Dump 100#'s 20/40 sand down tubing. Spot sand w/ 9 bbls water. PUH to 1576' and wait 30 min for sand to settle. TIH and tag sand @ 1765'. (23' of sand). TOOH and LD packer. PU & TIH w/ CICR on 2-7/8" N-80 tbg. Set CICR @ 1655'. Had trouble setting CICR. CICR would not take weight. Work retainer for 10 min. Retainer now taking weight. Attempt to pressure test CICR. Would not test. We were getting returns out 8-5/8" casing vavle. TOOH and LD CICR stinger. MU & TIH w/ HD packer. Tag CICR and set packer just above @ 1650'. Test casing to 800 psi. Test good. TOOH & LD packer. SWIFN LEAKING CICR @ 1655'. Will mill over on Monday.

**3/10/2009 Day: 5****Recompletion**

Western #3 on 3/9/2009 - 0 psi on well. PU & TIH w/ wash over shoe, 4- 3 1/8" drill collars, & 2 7/8" N-80 tbg. RU drill equip. Wash over cement retainer in 4 hours. Chase down hole to sand top @ 1765'. TOO H w/ 53- jts 2 7/8" N-80 tbg. Tbg pulled wet until last 18- jts then pulled dry. Stand back 3 1/8" drill collars. Cement retainer did not come out in shoe. Wait for wash pipe w/ wires. Wash pipe threads would not make up. SWIFN. Have new shoe in AM.

**3/11/2009 Day: 6****Recompletion**

Western #3 on 3/10/2009 - 0 psi on well. PU & TIH w/ Junk catcher shoe, 4- 3 1/2" drill collars & 51- jts 2 7/8" N-80 tbg. Tag retainer @ 1781'. Work junk catcher shoe for 1 hour. TOO H w/ tbg as ran. No fish in junk catcher shoe. TIH w/ Junk catcher shoe, 4- 3 1/2" drill collars & 51- jts 2 7/8" N-80 tbg. RU drill equip. Work over fish & gain 9 inches. TOO H w/ tbg as ran. No fish in junk catcher shoe. TIH w/ short catch over shot, 4- 3 1/2" drill collars & 51- jts 2 7/8" N-80 tbg. Tag fish @ 1781'. PU on tbg, pull over 8000# then came free. TOO H w/ tbg as ran w/ fish. LD drill collars & fishing tools. TIH w/ RBP retrieving head & 55- jts 2 7/8" N-80 tbg. Tag sand @ 1784', clean out to plug 1788'. Circulate well clean (sand & iron pieces). PUH to 1750'. Dump 100# of sand down tbg, pump 9 BW down tbg. PUH to 1688'. SWIFN.

**3/12/2009 Day: 7****Recompletion**

Western #3 on 3/11/2009 - 0 psi on well. PU & TIH w/ 3- jts N-80 tbg, tag fill @ 1780'. 8' of sand on plug. TOO H w/ 55- jts N-80 tbg & retrieve head. TIH w/ CICR & 50 jts N-80 tbg. Set CICR @ 1622'. Pressure test csg & CICR to 1000 psi. RU BJ services cement truck. Pump 5 bbls of die water, 20 bbls surfactant wash, 166 sacks of PL II + 3% KCL + 5# CF + 2# KOL + .5 SMS + FP + SF (105 bbls) cement @ 11 ppg, 50 sacks G neat cement (10.2 bbls) @ 15.8 ppg & displace w/ 8.9 bbls fresh water. PUH to 1621'. Reverse circulate tbg clean. TOO H w/ tbg & CICR setting tool. PU & TIH w/ 4 3/4" rock bit, bit sub, 8- 3 1/8" drill collars & 37- jts 2 7/8" N-80 tbg. SWIFN.

**3/13/2009 Day: 8****Recompletion**

Western #3 on 3/12/2009 - Continue TIH w/ tbg & tag cement top @ 1615'. RU drill equipment. Drill out to CICR & drill out retainer in 3 1/2 hours. Drill out 91' of cement, drop threw cement @ 1713'. Circulate well clean. Pressure test csg to 1000 psi, pressure bled off to 500 psi in 20 seconds & from 500-200 psi in 2 minutes. Cont TIH & tag fill @ 1780', clean out 8' of sand to plug @ 1788'. Circulate well clean. RD drill equipment. TOO H w/ 48- jts N-80 tbg. SWIFN.

**3/14/2009 Day: 9****Recompletion**

Western #3 on 3/13/2009 - LD 8- 3 1/8" drill collars. TIH w/ RH & 47- jts N-80 tbg. Release RBP & circ well clean. TOO H w/ RBP. PU Weatherford TS RBP & HD packer. TIH w/ 180 jts N-80 tbg. Set TS RBP @ 5833' & packer @ 5793', Pressure test tools to 2000 psi. PUH & set HD packer w/ CE @ 5541' & EOT @ 5551'. RU BJ services. 120 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac CP2 & CP5 sds down tbg w/ 39,254#'s of 20/40 sand in 391 bbls of Lightning 17 fluid. Broke @ 3196 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3208 psi @ ave rate of 14.9 BPM. ISIP 1727 psi. Flow well back @ 3 BPM starting w/ 20/64 choke. Flow well back until dead. Recovered 165 BW. Fill annulus, release packer & circulate well clean. TIH & tag fill @ 5798', clean out to RBP @ 5833'. Circulate well clean. Latch onto & release RBP. PUH & set TS plug @ 5285', PUH & leave packer released @ 5185. SWIFN.

**3/17/2009 Day: 10****Recompletion**

Western #3 on 3/16/2009 - Set HD packer w/ CE @ 5185' & EOT @ 5195'. RU BJ services. 0 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac A1 sds down tbg w/ 99,637#'s of 20/40 sand in 836 bbls of Lightning 17 fluid. Broke @ 1714 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 4137 psi @ ave rate of 16.4 BPM. ISIP 2022 psi. Flow well back @ 3 BPM starting w/ 20/64 choke. Flow well back until dead. Recovered 320 BW. Fill annulus, release packer & circulate well clean. TIH & tag fill @ 5265', clean out to RBP @ 5285'. Circulate well clean. Latch onto & release RBP. PUH & set TS RBP @ 4765', PUH & set HD packer w/ CE @ 4665' & EOT @ 4675'. RU BJ services. 0 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac D2 sds down tbg w/ 39,497#'s of 20/40 sand in 372 bbls of Lightning 17 fluid. Broke @ 2695 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3645 psi @ ave rate of 14.4 BPM. ISIP 2124 psi. Flow well back @ 3 BPM starting w/ 20/64 choke. Flow well back until dead. Recovered 135 BW. Fill annulus, release packer & circulate well clean. TIH & tag fill @ 4757', clean out to RBP @ 4765'. Circulate well clean. Latch onto & release RBP. PUH & set TS RBP @ 4215', PUH & set HD packer w/ CE @ 4118' & EOT @ 4128'. RU BJ services. 0 psi on well. Fill annulus & hold pressure w/ rig pump during frac. Frac GB6 sds down tbg w/ 40,105#'s of 20/40 sand in 351 bbls of Lightning 17 fluid. Broke @ 3268 psi. Pumped 651 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3442 psi @ ave rate of 14.6 BPM. ISIP 2199 psi. Flow well back @ 3 BPM starting w/ 20/64 choke. Flow well back until dead. Recovered 145 BW. Fill annulus, release packer & circulate well clean. TIH & tag fill @ 4205', clean out to RBP @ 4215'. Circulate well clean. Latch onto & release RBP. Gained 70 more BW. TOOH w/ 4- jts tbg. SWIFN.

**3/18/2009 Day: 11****Recompletion**

Western #3 on 3/17/2009 - Check pressure on well, 400 psi tbg. Open well & flow 70 BW. Circulate well until workable. TOOH, LD 180 jts 2 7/8" N-80 frac tbg. LD BHA. MU & TIH w/ production tbg as follows: 2 7/8" NC, 2- jts 2 7/8" J-55 tbg, SN, 2- jts 2 7/8" tbg, TA, 190- jts 2 7/8" tbg. RU swab equipment. Made 13 swab runs w/ SFL @ surface & EFL @ 1000'. Recovered total of 135 bbls ending w/ trace of oil & no show of sand. SWIFN.

**3/19/2009 Day: 12****Recompletion**

Western #3 on 3/18/2009 - Check pressure on well, 75 psi csg, 50 psi tbg. TIH & tag fill @ 5983', clean out to PBTD @ 5993'. Circulate well clean. LD tbg used to clean out. RD rig floor. ND BOPs. Set TA @ 5729' w/ 19,000# tension. X-over for rods. PU & prime Central Hydraulic 2 1/2" X 1 3/4" X 17' X 20' RHAC rod pump. TIH w/ rods as follows: 6- 1 1/2" weight rods, 20- 3/4" guided rods, 105- 3/4" plain rods, 98- 3/4" guided rods, 1- 8', 6', 4', 2' X 3/4" pony rods & 1 1/2" X 26' polished rod. RU pumping unit. Stroke test pump w/ unit to 800 psi. RDMOSU. PWOP @ 3:00 PM w/ 72" SL & 5 SPM. Final Report!

**Pertinent Files: Go to File List**